



## Missouri S&T Magazine, October 1980

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*Alumnus*

*University of Missouri-Rolla*

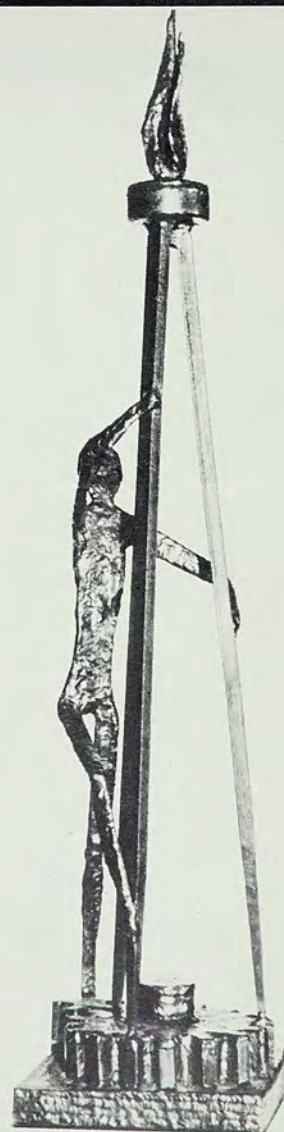
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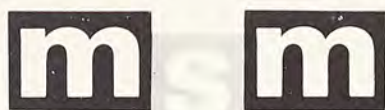


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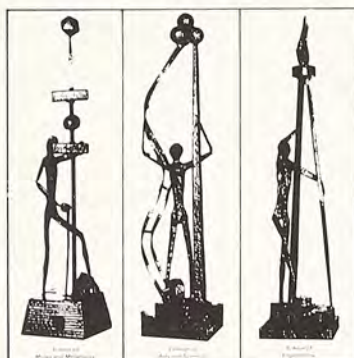


## Alumnus

MSM-UMR Alumni Association  
University of Missouri-Rolla  
Rolla, Missouri

Volume 54  
Number 5  
October 1980

### On The Cover



The three welded steel sculptures on the cover were created by Robert V. Wolf, '51, professor of metallurgical engineering, as symbols of the three major curriculum areas at UMR. Engineering (right) depicts man working, studying, building and contributing to civilization through engineering, always climbing toward truth and knowledge. Mines and Metallurgy (left) shows that man discovers, modifies, uses and reuses mineral resources to serve civilization's needs. Arts and Sciences (center) represents man discovering, developing and coping with his environment. The three works were commissioned by Paul Barker at Rolla's Holiday Inn and are on display there.

## MSM ALUMNUS (USPS-323-500)

Issued bi-monthly in the interest of the graduates and former students of the Missouri School of Mines and Metallurgy and the University of Missouri-Rolla. Entered as second class matter October 27, 1926, at Post Office at Rolla, Missouri 65401, under the Act of March 3, 1897.

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R: 10/1/13



Dr. David Barr, professor of geological engineering and director of the Remote Sensing Laboratory, works with lab students to gather material to digitize—code into a computer compatible format — so it can be used with Landsat information.

## UMR Remote Sensing Laboratory

Punch a few buttons, look at a screen, and there is a black and white map of the Rolla area showing forested sections; rock out-croppings; fields and/or meadows; rivers, creeks and ponds; roads and highways; and, of course, the area of man-made structures in the city itself. Punch a few more buttons, and the foliage areas will show up in various shades of green, the water in blue, etc.

The image shown is not a photograph, but comes from data recorded by a satellite orbiting around the earth and processed through computers.

Images of almost any geographic area on earth can be available at UMR's Remote Sensing Laboratory located in a temporary metal building back of the Mining Building on campus.

Satellite images are not the only things to be seen. Information about natural resources under the earth and mineral alteration zones (mines) may be collected and processed through the computer to create a picture on the screen of various underground levels. It is possible, also, to integrate the underground levels and the surface information to obtain a picture showing various layers at the same time.

UMR's remote sensing laboratory is equipped with state-of-the-art computer hardware and software programs for digital image processing and natural resource data base development. The completely interactive system consists of Comtal image-refresh graphic display driven by a Varian Minicomputer with perpheric disc storage, card reader and line printer.

The entire system is a powerful tool for displaying, analyzing and interpreting significant relationships between geologic, geographic and cultural features of the earth.

Software programs developed by the NASA Earth Resources Laboratory are fully implemented on the system. The Landsat space craft orbits the earth at an altitude of 570 miles, crossing the equator on the day side of earth several times in 24 hours. In principle, an area of the earth can be imaged every 18 days; but in practice, cloud cover reduces this frequency. The prime sensor on board is a multispectral scanner which electronically detects and records the magnitude of reflected energy from adjacent 1.1 acre picture elements called pixels. From each pixel, magnitude of energy in four bands (green, red, and infrared



reflected), is recorded and ultimately stored on computer compatible magnetic tapes. The computer compatible tape yields digital image data which can be displayed as a picture-like image (different amounts of energy are reflected from trees, water, rocks, pavement, etc., and this is what shows up on the image).

Aircraft scanner data, similar to satellite data, but of higher spatial resolution can be processed in the same manner.

In the case of data base development, specialized information about a particular area having a coordinate location and attribute value can be digitized (coded in computer compatible format) and displayed in image form. Thus, information such as geologic, topographic and soil maps or features of underground mines, can be placed in the computer in digital form and used as independent variables in

data base manipulative equations.

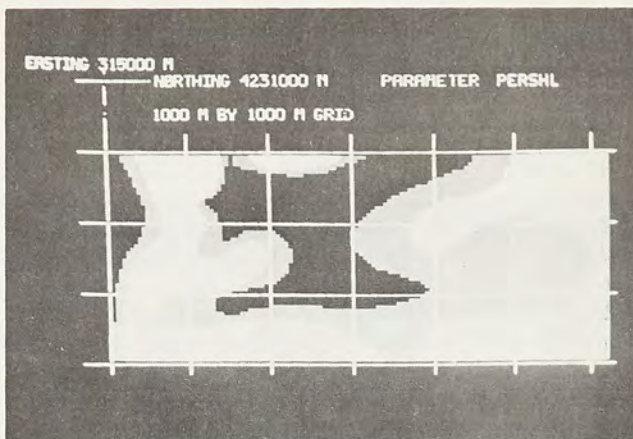
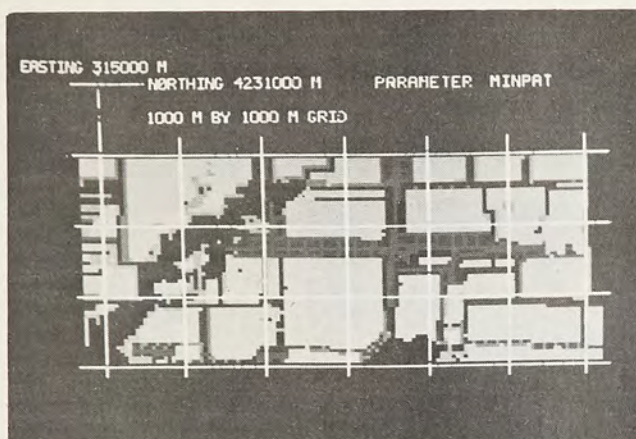
As the satellite or aircraft scanner data is processed, a student may observe the results, in picture form, on the display screen. The results may be in black and white or color. Colors can be created to suite the user. Also, the image data can be enlarged or shrunk or geographically referenced to base map. Overlays of the data base development information can be added to the image to give a complete picture of a specific area.

One project taking place in the lab is a coal-mine subsidence prediction study supported by the State Mining and Mineral Resources Research Institute. In this project, satellite data about a specific mine in Illinois was studied in relation to information about the structure of the underground mine and the known geologic factors in the area.

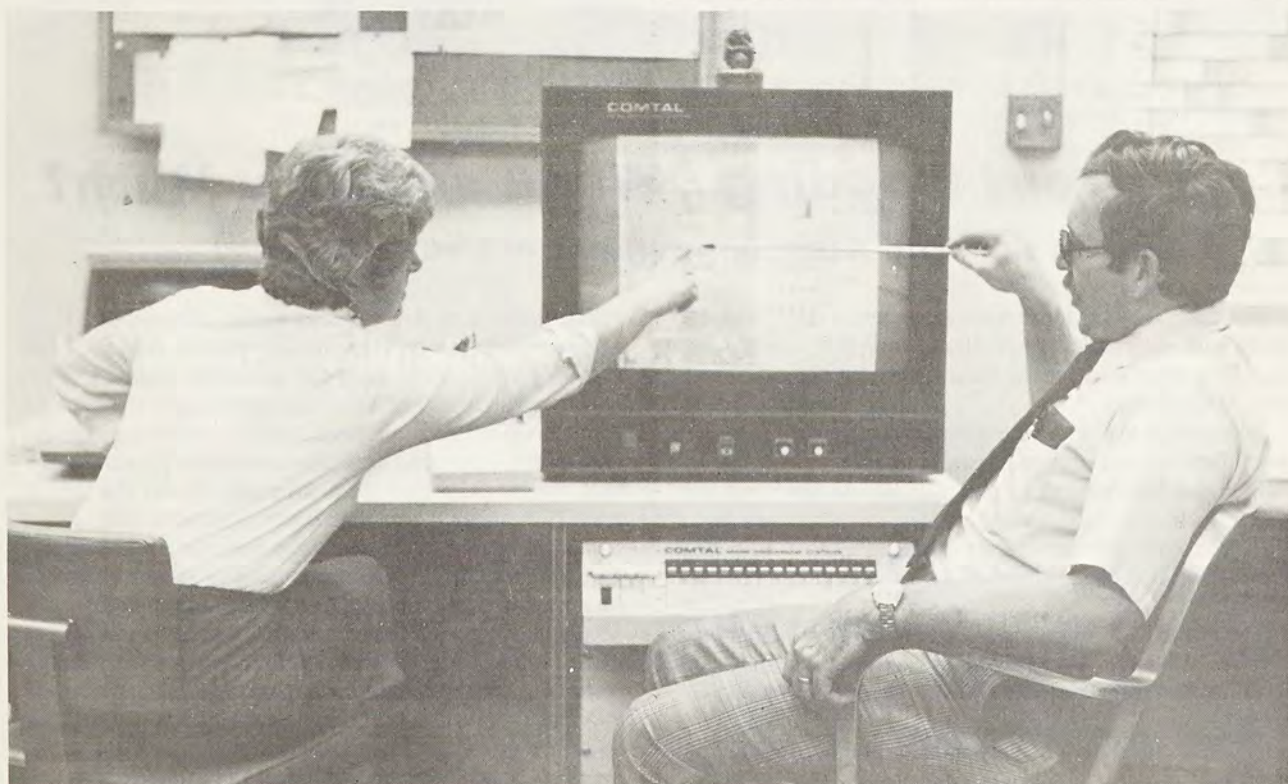
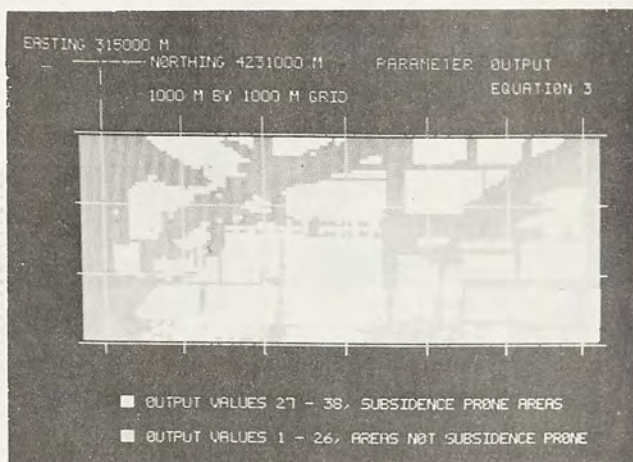


Landsat image of Rolla area as it appears on computer screen. (Reference points have been added.)

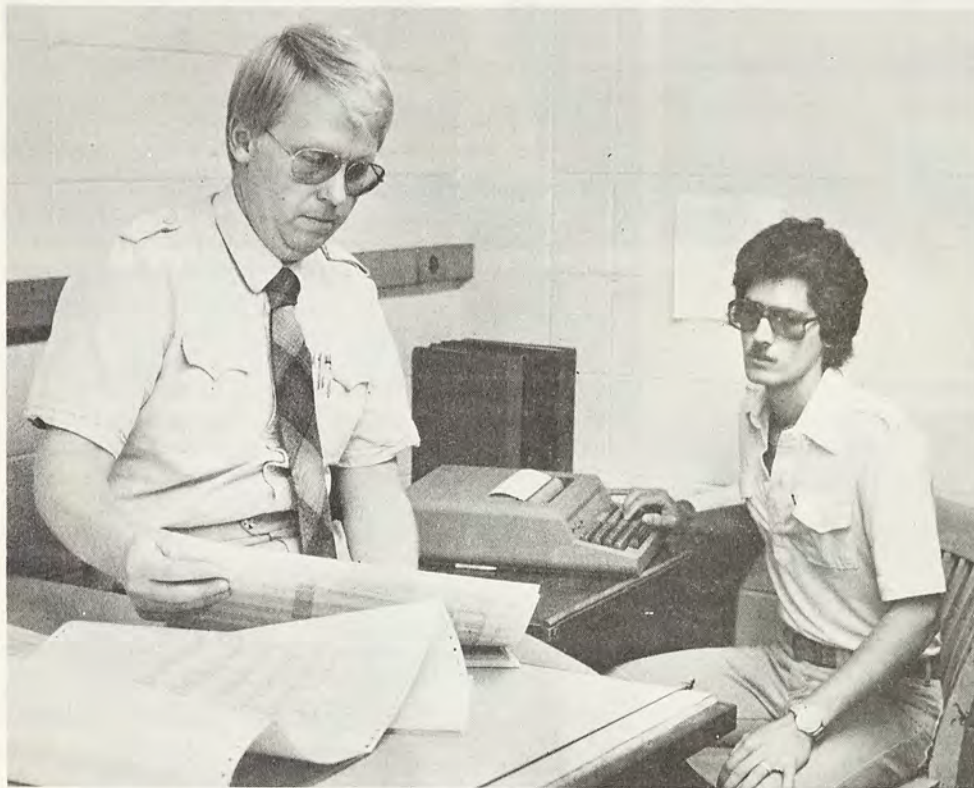




Specialized information that has been digitized, such as (above, left) the layout of an underground mine, and (above, right) the percentage and location of shale and bedrock over the mine, are just two of the factors used to develop a study to predict (right) subsidence prone areas of the mine. (Below) Jama Sue Allison, left, senior research lab technician, and Dr. C. Dale Elifritz, right, assistant professor of geological engineering, examine aircraft scanner data pertaining to the same mine area.







Dr. Morris and graduate student, John Calise, study data compiled for research on flooding at the confluence of the Mississippi and Meramec Rivers.

## **Concurrent Flooding... When and How Much?**

**By Dr. Charles S. Morris, Assistant Professor of Civil Engineering**

For many years, water resources engineers have been faced with the problem of predicting how high a river will rise, how often it will reach flood stage, and the areal extent of flood levels.

People who live or have businesses near or next to a river, face the ever-present anguish of being flooded.

Planning for continuing flood plain development and the determination of flood insurance rates are factors causing these concerned persons and government agencies to bring pressure on hydrologic engineers for more accurate predictions.

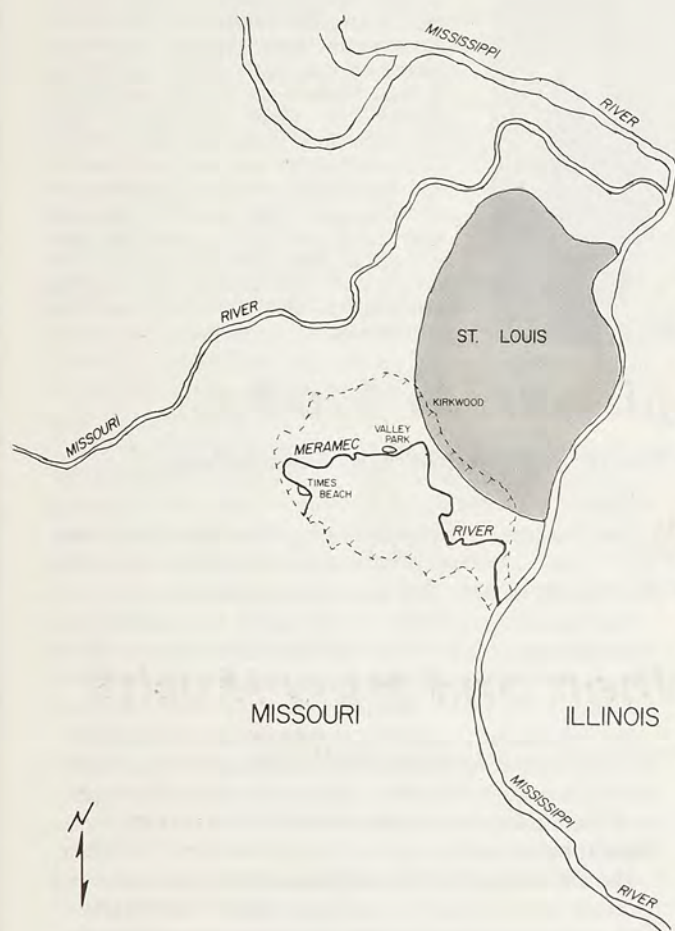
The estimate of a flood frequency becomes additionally complex when concurrent flooding may occur: where a location can be inundated by flooding on two or more rivers. A very good example of this in Missouri is at the confluence or junction of the Meramec and Mississippi Rivers.

The Institute of River Studies at the University of Missouri-Rolla has been given a contract by the U.S. Army Corps of Engineers to study this particular situation.

Our research is directed towards developing techniques for determining accurate flood stage frequencies within the concurrent flood plain area. The probability structures of both the tributary river flows (Meramec River) and the main river stages (Mississippi River) must somehow be enmeshed to find the correct stage frequency relationship. Our goal is to find new methods for determining correct stage frequencies for both gaged rivers, such as the Mississippi and the Meramec, with sufficient data (fifty years or more), and for rivers with as few as five or ten years of recorded streamflow and/or stage data.

A methodology called "critical combination method" has been developed for situations where there are 50 or more years of recorded streamflow. Using the available data,





For the case where there are only five or ten years of data available, the "critical combination" approach is not a reliable method. The proposed methodology for this situation is based upon a bivariate probability distribution using analysis of information collected on a daily basis.

Results of this research will be reported with the recommendation that both methods be given further testing using information available on confluence flood plain areas such as Missouri River and the Mississippi, Illinois River and the Mississippi, and Big River and the Mississippi.

These two methods that have been developed should prove to be applicable for use as a flood frequency predication tool for any situation throughout the country where two rivers join together.

Simulations of river stages are made on a computer for combinations of the (main) Mississippi River stages and (tributary) Meramec River flows which have caused peak annual flood stages. Then, using these peak annual flood stages along with a backwater model and a statistical analysis, the correct probabilities are associated with the annual flood stages.

#### *The Author—*

*In addition to teaching civil engineering, Dr. Morris is a senior investigator with UMR's Institute of River Studies (Dr. Paul Munger, '58, director). Morris received his B.S. and M.S. degrees from UMC and his Ph.D. from the University of Illinois. Before joining the UMR faculty two years ago, he was a principal engineer with the international consulting engineering firm of Camp, Dresser and McKee. Graduate students working with Morris on the Mississippi-Meramec study include John Calise (pictured) and Lloyd Chris Wilson (obtained his M.S. degree last May).*





#### **The Authors—**

**Dee Haemmerlie Montgomery**, assistant professor of psychology, earned her B.S. from the University of Florida and her M.S. and Ph.D. degrees in clinical psychology from Florida State University. She served as an intern at the West Virginia Medical Center for a year before joining the UMR faculty in 1978. **Robert L. Montgomery**, professor of psychology, earned his B.A. degree at Bethany College in West Virginia and his M.S. and Ph.D. degrees in social psychology from Oklahoma State University. He joined the UMR staff in 1968 and was made head of the psychology section of the social sciences department in 1975. Bob was widowed in early 1977. He and Dee were married in June, 1979. As Bob says, "The family has two careers, two children (Melissa, 8, and John, 6,) and two dachshunds."

## **The Working Woman Engineer...A Study**

**By Drs. Robert L. and Dee Haemmerlie Montgomery, Professors of Psychology**

Let's listen in on a phone conversation between a manufacturing methods engineer at McDonnell Douglas and an F-15 aeronautical engineer in another department of the same company—who just happen to be husband and wife:

*"Honey, they've just scheduled a meeting on computer automated manufacturing, so I'm probably going to be late tonight. Do you want to see if you can get a ride home with Harry, or would you rather wait here for me?"*

*"Let's see, we were going to go through closets tonight and pack away all the summer stuff and the fishing gear. But, I guess that can wait. I do have some work I can do on F-15 flight data. Why don't I stick around and we can stop someplace for dinner on the way home."*

*"O.K. Why don't we try Chinese tonight. We haven't had too many vegetables lately, and broccoli beef sounds good. Have you tried determining the airplane stability by derivative regression analysis from the flight data that we were talking about the other day?"*

*"That's what I thought I might do a little work on tonight while I'm waiting for you. Call me when you're ready to go home."*

*"See you later."*

The possibility of a conversation such as this is becoming more frequent as more women enter the engineering profession and the number of dual career couples increases.

Not a great deal is known as yet, about the specific characteristics of issues faced by such couples. A number of surveys have been conducted by psychologists on similar situations in their own profession.

But, because of the growing number of female graduates in engineering at UMR, this dual career psychology couple decided to examine the work, home, personal and interpersonal characteristics and concerns of UMR dual career engineering couples.

The ultimate goal of the study was to provide insight into the issues encountered by dual career couples in several fields of specialization, in order that information will be available for future couples considering careers for both partners.

A three page questionnaire was sent to 68 married women who had graduated from UMR with engineering degrees. One page consisted of general questions covering basic information about the couple—to be answered jointly or by either partner. A separate page for the male and female partner, respectively, included specific questions about a variety of possible job related concerns and, also, open ended questions about the advantages, disadvantages, and unusual experiences associated with being a dual career couple.



A total of 32 or approximately 47 percent of the couples returned a completed questionnaire. The couples lived in 16 different states throughout all parts of the country with the most living in Missouri (19 percent) and in the Midwest (46 percent). The size of the home community was nonrural but with a population of less than 250,000 for 59 percent of the respondents. Thirty-five percent of the couples reported living in towns of more than 250,000 people.

The fact that dual careers in engineering are relatively recent is reflected by the average ages and years of marriage reported by the couples in this survey. The average age of both the female and male respondents was 27 (range of 21-50). In only one instance were both partners in their 30's (male 32 and female 31). Further, only one couple had either member older than 32 years of age (male 49, female 50).

Approximately half of the respondents had been married between 1-3 years, with 37 percent having been married between 4-9 years. No couple had been married for 10 years or more and 13 percent had been married for less than a year. Additionally, only 25 percent had children. However, 88 percent of all of the couples indicated they planned to either have children and/or have more of them in the future. One couple had only two more months to wait for their first child.

The majority of both partners of the couples surveyed had bachelor's degrees (85 percent of the females and 72 percent of the males). However, more males than females had higher than bachelor level degrees (25 percent of the males and 16 percent of the females). In terms of employment, the vast majority were employed full-time (female 88 percent and male 97 percent). Two females were working part-time and two females were not working presently but had worked in the past. One male indicated he was not and had never been employed.

Most couples did not work at the same facility (62 percent), and only two of the nine that did work at the same location actually worked in the same department. A majority of couples worked for private organizations (75 percent of the females and 91 percent of the males). Except for one female who was self-employed, the rest work for federal or state organizations.

Areas of specialization within engineering differed somewhat from the male and female respondents. Most frequently mentioned specializations by female engineers were chemical (25 percent), civil (19 percent), mechanical (16 percent), and petroleum (nine percent). The most frequent male engineering specialties were mechanical (25 percent), electrical (19 percent), chemical (nine percent) and geological (nine percent). Statistics on hiring indicated 50 percent of the males had been hired first, 28 percent of the females hired first, with 22 percent of the couples having been hired at the same time.

A number of specific questions were asked about a variety of job related issues. Although the majority of couples

obtained their job by choice (81 percent of the female and 91 percent of the male respondents), more females (19 percent) than males (nine percent) took their jobs on the basis of availability.

Couples were also asked to respond to a series of other job related questions using a five point rating scale (1-strongly disagree to 5-strongly agree). Table I shows the average rating given by both female and male respondents to these questions.

TABLE I

Question	Female	Male
1. I am satisfied with my current job.	4.0	3.9
2. I am personally very involved with my job.	3.5	3.8
3. I try to keep my work and home life as separate as possible.	3.3	3.6
4. My job interferes with my home life.	2.7	2.1
5. My spouse's job interferes with our home life	2.1	2.2
6. Most of my social contacts are with people from my job setting.	2.6	3.4
7. Most of my social contacts are with people from my spouse's job setting.	2.8	2.3
8. It is likely I will change jobs within the next three years.	3.3	2.9
9. It is likely that my spouse will change jobs within the next three years.	3.0	3.6

Husbands and wives in this survey were asked also to rank the importance of eight factors that might affect a decision to make a job change. The nature of the difference between husbands and wives in their ranking of these factors suggests a slight emphasis on the husband's career. The top four rankings given by women respondents were 1) both partners having jobs, 2) spouse having job, 3) geographical location of job, and 4) one's own job offer. In contrast, the males ranked their own job offer first, both partners having jobs second, the geographical location of the job third, with his spouse having a job ranked a close fourth. Both partners agree in ranking last (eighth) the possibility of both working at the same facility. It is interesting that both partners considered salary considerations in the 5th, 6th, and 7th rank positions.

A similar pattern with somewhat more emphasis being placed on the male partner's career is apparent also when considering the pattern of specific rankings of these three items by both partners. The males ranked their salary 5th, the combined salary 6th and their spouse's salary 7th. The females ranked their combined salaries 5th, their spouse's salary 6th and their own salary 7th.

Couples were further asked to indicate the major advantages and disadvantages associated with being a dual career couple. Table two is a list of the most frequently mentioned advantages. To be included in the list, an item had to be mentioned at least twice by either sex.



TABLE II

Advantages	Female	Male
1. Money	25	24
2. My spouse understands my work pressures and accomplishments	9	4
3. Learn from each other	7	2
4. Increased communication and understanding (general)	4	4
5. Understand each other's work pressures and accomplishments	4	4
6. Meeting people on the job	3	4
7. Feeling independent, worthwhile	4	2
8. Respect for each other	2	3
9. Doing intelligent, important work	2	3
10. Freedom from financial worry should spouse die	2	1
11. Common interests	1	2
12. Common values	1	2
13. Job flexibility	2	0

Obviously, receiving a double salary—on a professional level—was the biggest advantage listed by most of the respondents. For one of the women it meant...“Being able to take weekend trips, go out for dinner, etc., and not having to worry if it will fit into the budget.” One of the men said...“It gives us a higher standard of living which lets us do the things we want to do without having to argue about our money situation.” For one man the double income meant “not having to worry about wife spending too much money,” and one of the women said “we can afford more ‘toys’.”

Specific comments on other advantages included...“being able to share accomplishments from the job and knowing she fully understands the significance of the accomplishment” (male); “being able to talk work over with my husband—frustrations, problems, etc.” (female); and...“better communication and appreciation of wife's intelligence” (male).

At the other end of the scale—the disadvantages—comments were more varied. Time seemed to be a factor in many of the problems.

TABLE III

Disadvantages	Female	Male
1. No time for work around the house	12	8
2. Finding jobs in the same location	8	6
3. Issues dealing with eventually having/taking care of children	8	4
4. Not enough time together	5	3
5. Not enough time for self/hobbies	5	2
6. Getting everything done	5	2
7. Vacations at the same time	3	3
8. Job transfers	3	2
9. Feeling tired and frustrated over too much to do	3	2
10. Taxes	2	3

11. Bringing work problems home	3	1
12. Competition	2	2
13. Current problems with taking care of children	2	2
14. Not enough time for friends/social activities	2	0
15. Sharing housework	0	2

Comments included “not enough time and energy to do household chores” (female); “no time to fix good meals at home” (male); “two kids are not as easy to control because of outside influence of the babysitter” (male); and “with my engineering job and responsibilities at home, I have two jobs instead of one. This leaves me tired, grumpy, and with little time to do what I enjoy” (female). One male complains “I'm expected to do housework I normally never did.”

An overall conclusion that seems apparent from the results of this survey is that dual career couples enjoy several advantages over traditional single career couples (e.g., increased income and general communication and understanding) but also experience added pressures and difficulties (e.g., meeting the time and energy demands of both home and work). Additionally, the female seems to experience more of these concerns than do the males. It is also possible that the present survey may be a slight underestimate of the possible home demands of a dual career couple given that most did not have children, a situation which would logically seem to greatly increase the nature and extent of home demands for any couple.

Another overall conclusion seems to be that the male's career still appears to take a slightly higher priority than the female's: slightly more males had higher degrees, more males were hired first, more males got their jobs because of choice rather than availability and the husband's concerns were ranked higher when considering a job change.

There is evidence in this survey, however, of change in the direction of increased emphasis on the females' career. Twenty-eight percent of the females obtained their jobs first and 22 percent got their jobs at the same time. Two comments were made about unusual experiences which respondents had had where both partners had been interviewed at the same time but only the female was offered a job. Also, one male noted that his wife was advancing faster than he was in terms of salary increments. An additional interesting comment was made by another male who noted that he was the partner who was initially going to quit his job when his wife got pregnant.

In conclusion, the results of this survey of dual career engineer couples are fairly consistent with those of similar surveys conducted on dual career couples in psychology and, also, as experienced directly by the present authors: life is definitely more interesting, complex, and challenging as a dual career couple and neither partner lacks for things to do or be concerned about! As one male response in our survey put it...“Doing everything together and having compatible interests makes for a happy, stable marriage.”



# Travel By Day



Delbert Day, '58, and his Cherokee 180.

Some people think flying an airplane means hours of boredom—punctuated with moments of terror.

UMR Professor Delbert Day's 16-year love affair with "the wild, blue yonder" hasn't been that way.

"It certainly isn't boring to me," Day said as he laughed. "Flying is relaxation, and I have never experienced what you would term a 'close call' in the air."

Day received his B.S. in ceramic engineering at UMR in 1958 and joined the department faculty in 1961.

He started flying in 1964 under the instruction of the late Dean Aaron Miles, and now flies almost 20,000 miles per year. He estimates two-thirds of the total to be for business, with family pleasure trips making up the remainder.

"Flying myself on business trips not only allows me to use my time more effectively, but offers a way to escape the pressures of the day at the same time," Day said.

Day owns a single-engine Cherokee 180 with fellow faculty members Darrell Ownby and Orrin Crosser. The three keep the craft at Rolla Downtown Airport and share its use.

Why did Day take up a hobby like flying?

"It was something that always interested me, but it took me awhile to get around to it," he said as he smiled. "I

would advise anyone to give flying a try. It is actually very easy to learn."

Day said he feels many aspects of flying an airplane have produced misconceptions.

"People seem to think that if your engine stopped, you would fall to the ground like a rock," he said. "You should be able to land under adverse circumstances if you simply keep your cool."

And while the cost of owning and flying a plane continues to climb, Day feels flying yourself can help stretch the travel dollar.

"You are also your own boss regarding time schedules, stops, and route. And you can relax and commune with nature at the same time."

This spring Day had a chance to assist the community of Rolla, when he flew to Champaign, Ill. to pick up noted distance runner Craig Virgin. Virgin was a participant in the Rolla Fun Run.

"I think Craig really enjoyed the flight," Day said. "On the way home I let him take the controls around St. Louis, and he really liked that."

Day has had his instructor's license for over six years. He said the most difficult aspect for the beginning flyer to learn is the judgment and experience factor.

"Basically what that refers to is know-

ing when it is safe to be in the air," he said. "You have to know when to get to the ground and when not to even try to fly because of the weather conditions."

Day's pleasure trips have become partly a family affair, as his wife, Shirley, has taken lessons and can land the airplane.

"It makes her feel better knowing if something happens to me while we are in the air, she'll be able to get us on the landing strip."

But chances of anything going wrong during flight are slim, Day stressed.

"The airplanes are very well engineered and the modern-day technology available in them makes flying very safe," he said. "You just have to make certain your craft is maintained when it is supposed to be."

While flying an airplane is exciting, Day feels instructing gives him an added thrill.

"It is really enjoyable to work with a group of highly motivated individuals who are striving to do their best," he said. "When they go up there for their first solo, and you are standing on the ground as an instructor watching that big step, it is great."

So, you won't see Delbert Day relaxing with crossword puzzles, tending a garden or collecting stamps.

He will be soaring overhead at a peaceful pace of 140 miles-per-hour.



# MINER SPORTS

Gene Green, Editor

## UMR Wins Early Games

The University of Missouri-Rolla Miners started the 1980 season where they left off last year—winning!

Although the Miners of Charlie Finley returned 33 lettermen, 20 seniors and five players who gained some type of all-MIAA honors last season, the squad was battered by early injuries.

Still, Finley was optimistic about the Miners chances this season.

"You can't really call it a rebuilding year," he said. "If our defense continues to play excellent football and the offense beefs up the attack, I think the Miners will be in fine shape."

The Miners set out to prove that statement correct on Sept. 6, when they hosted William Penn in the opener.

Thanks to the talented foot of kicker Craig Thomas and a high-scoring second-half, the Miners rolled to a 27-0 win over the Statesmen.

UMR scored on Thomas field goals from 46 and 27-yards, while Mike Schaefer and Mark Anderson added touchdowns. The final score came on a 29-yard pass from quarterback Chris Nisbet to Jim Gambill.

Jimmie Lee paced the Miners in rushing with 78 yards in 11 carries, while David Fischer added 50 yards in 13 carries.

In passing, starter Dennis Pirkle con-

nected on 10 of 18, while Nisbet fired his touchdown pass in three attempts.

The Miners piled up 392 total yards to William Penn's 48, and held a 25-5 edge on first downs.

The win gave the Miners a 123-13 edge over their opening day opponents during the past four seasons.

The Miners continued their winning form Sept. 13, winning 23-16 at Missouri Valley. It was the first time since 1970 the Miners had turned in a win at Marshall, Mo., and the first time in ten years that they had started off the season with two straight wins.

The Miners controlled things during the entire game starting off with a score at 3:53 into the first quarter, when Pirkle hit Walters with a four-yard touchdown pass.

Thomas missed the point-after, but made up for it in the second quarter when he connected on a 32-yard field goal.

The final score of the half came on a brilliant 81-yard punt return by Craig Heath with about four minutes to play. Heath, who has been among the nation's leaders in punt returns throughout his collegiate career, had never returned one all the way before his feat in Marshall.

The Miners added another score with



Quarterback Dennis Pirkle leads Miners to a 14-10 win over Kansas State-Pittsburg. Rolla Daily News Photo

13:28 left in the third quarter, when Pirkle went over from one-yard out. Thomas hit the PAT to make the score 23-0.

Finley put in his reserves for most of the remaining time, as Missouri Valley notched two quick touchdowns inside the final three minutes of the contest, losing 23-16.

"I think we will be right in the thick of the MIAA race, with Southeast Missouri State and Southwest Missouri State the toughest teams to beat," he said. "Northwest was the surprise of the 1979 season, and should be good once again."

And the Miners, coming off a 7-3-1 record a season ago, are picking up some early wins and shooting for the tough conference foes ahead.

### FLASH!

As of Friday, Oct. 3, UMR Miners were ranked 9th in the nation in NCAA Division II. At that time, the team was also 1st in the nation in rushing defense, 3rd in total defense and 5th in rushing offense. Sports editor Gene Green says, "It's the Miners' best start since 1970."



## Cross Country Set For Tough Opposition

Even though Coach Dewey Allgood had six lettermen returning from last season's highly successful cross country team, he knew the 1980 schedule would be a tough one.

"This may be the best competition we have ever faced," Allgood said. "In one of our invitationals, Eastern Illinois will participate."

Eastern Illinois, always one of the top teams in the nation, will join MIAA foes Northeast Missouri, Central Missouri, Southeast Missouri, Lincoln University and the University of Missouri-St. Louis.

The Miners, however, warmed up for that competition with four big wins over some early opponents.

UMR started off with a Sept. 6 sweep of UMSL and Milliken University, clubbing the foes 16-46 and 16-47 each respectively.

Brent Haefner had the top time during the day, edging out two other teammates with a time of 26:54. David Monroe finished second with 26:55, while Keven Stocke had a 27:38 mark for third place.

The Miners lifted their record to 4-0 Sept. 13, when they clubbed School of the Ozarks College 20-39 and defeated Evangel College 16-47.

Haefner was again the top runner, with a time of 27:06.3, tying him with teammate Moore who had the identical time.

"The MIAA Conference Tournament and the NCAA Regional will be held at Cape Girardeau this year (Nov. 1) so that will be a nice thing for the area fans," Allgood said. "They have a new facility that is really super and we are all looking forward to competing on it."

## Soccer Team Displays Defensive Skills

When Paul McNally took over as UMR soccer coach this fall, he was not only faced with the chore of getting to know his personnel, but an unbelievable early schedule also stood in his path.

Four of the first five Miner opponents were nationally ranked!

"We knew it was going to be rough in the early going, but I was anxious to see what our players could do," McNally recalled. "Actually they did a fine job."

In the opener against highly-touted Washington University, the Miners fell 5-0, despite out-shooting the home team 10-7 during the second half.

"Two of our shots hit the crossbar and one hit the post, so we could have scored a couple of times in the second half," he said. "The heat bothered us, but I still thought midfielders Brian Grant and Pat Becker did a great job for the Miners."

In the second game of the season, the Miners hosted Harris Stowe, and lost a 1-0 contest.

UMR lost some early scoring opportunities and fell to 0-2 when Bob Kuntz

hit a goal at the 52 minute mark. Each team had 20 shots-on-goal during the game.

The third game of the season pitted UMR against one of the nation's best: Rockhurst College of Kansas City.

Rated as one of the top clubs in the United States, the Miners fell to them 3-0. UMR Trained only 1-0 at the half, and held star player Craig Stahl to no points scored and only three shots on goal.

"Jim Whetsel did a super job on Stahl," McNally said. "Craig had scored about 50 goals during the last three seasons and may be one of the top five players in the nation."

Although the Miners have yet to get things in order offensively, McNally has seen plenty of positive play on defense.

"To hold some of the teams we have played to just a few goals, I know there is some real talent here," he said. "We look a little better each game, and I think we will be able to get things straightened out as the season goes along."



Mike Heinze, left, battles Harris Stowe's Leroy Notice in soccer home opener. UMR Lost 1-0. Rolla Daily News Photo



# Alumni Section News

## Ark-La-Tex Section

The fall meeting of the Ark-La-Tex Section was held Sept. 6, at the Petroleum Club in Shreveport with Mr. and Mrs. James Forgotson as hosts. A prime rib dinner was enjoyed by all 24 members and guests.

President Basil Compton told a few Aggie jokes and then called upon outgoing secretary-treasurer (new vice president) John Moscari for his report. John noted that a good time was had by all at the summer meeting which was held at the country estate of Mr. and Mrs. John Livingstone. John also reported that after having made a dona-

tion toward buying shrimp for the 1980 Homecoming cocktail party, only \$53.70 was left in the treasury. A hasty collection increased this amount to \$69.70. President Compton welcomed back Mr. and Mrs. Phil Browning who have just returned from a two-year assignment in Brazil with Shell Oil Co. Also made welcome was Chris Cook from ElDorado, Ark. Chris is a 1980 UMR grad who works for Phillips Petroleum and was attending his first alumni meeting.

The next meeting will be held at the home of Mr. and Mrs. Walt Mulyca, Route 1, No. 16 Southfield Lane, Mar-

shall, TX 75670 (phone: 214-938-2023), on Dec. 13, at 6:30 p.m. The spring meeting is tentatively scheduled for March 1, 1981, at the Shreveport Petroleum Club.

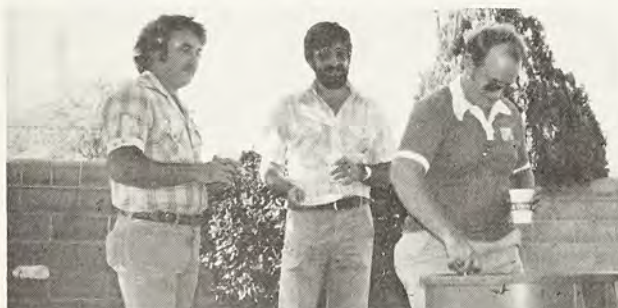
In addition to all those named above, the following people attended the meeting: Mrs. B. C. Compton, Mr. and Mrs. C. N. Valerius, Mrs. Louise Patton, Mr. & Mrs. Ragan Ford, Mr. and Mrs. T. O. English, Mr. and Mrs. Jack Mays, Mr. and Mrs. Randy Grotefendt and last, but certainly not least, Mrs. John Moscari.

Respectfully submitted,  
Walt Mulyca, Secretary-Treasurer

## Midland-Odessa



A good time was had by all.



Mike Party, Sal Pagano, and Hugh Murray.

On Aug. 23, Sal Pagano, '72, and Gary Gerhard, '68, held a barbecue at the Gerhard residence for approximately 20 alumni and their wives. This was the first meeting in an attempt to start an alumni group in the Midland-Odessa area.

From all indications, everyone had a good time and there is interest in forming a formal Midland-Odessa group. We are planning a "spring party" around St.

Pat's time.

Enclosed are four pictures taken at the party by Gail Davidage Kettenbrink, '67.

Those who attended were:

Lesley and Sal, '73, Pagano; Leah and Gary, '68, Gerhard; Judy Roper, '79; Terry McCallister, '78; Rodger Thompson, '79; Von, '78, and Mrs. Cawvey; Leslie Witt, '79; Dianne, '78, and Jim, '77 Lincicome; John, '80, and



Gary Gerhard, Leah Gerhard, Bill and Teresa Desco, and Jack and Kathy Foster.



Ed Kettenbrink, Sal Pagano, Gary Gerhard, and Dave Boes.

Karen Upchurch; Beth and Bill, '80, Coppoc; Jean and Hugh, '74, Murray; Robert F. Rundle, '79; Michael Party, '78; Dave Boes, '69; Cyndy and Mike, '69, Savage; Keith Barton, '80; Rita and Ted, '69, Spalding; Martha and Bill, '79, Brunkhorst; Gail, '67, and Ed, '67, Kettenbrink; Charlene and Larry, '80, Britt; Sean Price, '77; Teresa and Bill, '49, Deso; and Kathy and Jack, '49, Foster.

Gary Gerhard



## Northwest Chapter

The summer party on Saturday, Aug. 2, was great, despite the fact that the weather was a bit uncertain. The following people helped to make it a splendid time for us all: John Adams, '59; Vic and Rosie Hoffmann and family, '60; Steve Strauss, '68; Gerry and Kathleen Hammond, '50; Vince Crane and son, Chris, '66; Keith Cross, '69; Pete and Marilyn Malsch and family, '62; Joe Hopkins, '76; Dan and Linda Miklovic, Ex '68; and Bob Yerbury, '77.

Dan Miklovic, one of the newest members, is an electrical engineer in project control at Weyerhaeuser. Joe Hopkins, the other new kid on the block, is a "noise engineer" for Boeing.

Plans for the "Pre-St. Patrick's" party are in the works. Notices will be sent out prior to Christmas. Keep—and spread the word—Feb. 28, 1981, open and free!

Robert H. Yerbury Jr., Secretary



Jerry Hammond.



Joe Hopkins and Keith Cross.



Pete Malsch.



Vic and Rosie Hoffmann and Kathleen Hammond.

## Time to Think GREEN!

Here's an opportunity to buy your GREEN! Yes folks, it's that time again. A time of craziness and wildness that formed some of your best memories of dear old Rolla, Mo. Help renew those memories by purchasing your 1980 St. Pat's Green.

If you're staying at home this year, wear your 1980 Green to the local Irish pub, and show the patrons how St. Pat's ought to be celebrated. If you are coming down to Rolla, you will want to buy your Green so that you won't be the only person without a 1980 sweatshirt at the parade.

This year, the St. Pat's Board will be selling the usual sweatshirts, buttons and garters. In addition, there are baseball caps, stocking caps, flying discs and a really sharp-looking green-tinted glass mug.

Any questions or orders can be sent to the Alumni Sales Chairman at the following address:

St. Pat's Board  
University Center  
University of Missouri-Rolla  
Rolla, MO 65401  
Attn: Alumni Sales

So remember, whether you will be making the long trip back to Rolla or staying at home this St. Pat's, you won't want to miss the GREEN for 1980.

Sweatshirts	..... \$7.50
Garters	..... .75
Baseball caps	..... 3.50
Stocking caps	..... 3.50
Mugs	..... 3.00
Buttons	..... .50
Flying discs	..... 1.50





## Seven Visiting Professors at UMR This Fall

They come from China, England, and points east and west in this country.

Altogether, there will be seven visiting professors at UMR during the fall semester.

A UMR alumnus from the People's Republic of China led off the program. He is Dr. Chi-Mei Hsiao (Jimei Xiao), chairman of the department of metal physics at Beijing (Peking) University of Iron and Steel Technology and he was back on campus September 8-10. He received his Ph.D. in metallurgical engineering here in 1950.

Others scheduled during September were: Dr. D. C. Bradley, professor of inorganic chemistry and head of the department of chemistry, Queen Mary College, London, England; Dr. Harlan D. Mills, computer science expert, IBM, and adjunct professor of computer science at the University of Maryland. Dr. R. V. Ramani, professor of mining engineering, Pennsylvania State University; and Dr. David D. Anderson, professor of American language and thought, Michigan State University.

Dr. Joseph Macek, professor of physics, University of Nebraska-Lincoln, will come October 20-24, and no date has been set for Dr. Thomas G. Hallam, professor of mathematics and ecology, University of Tennessee.

The UMR visiting professor program began last year when 12 professors, all experts in their fields, were hosted by seven UMR departments. The program is coordinated by Catherine Jenks, assistant to the chancellor for affirmative action and public events. She works with a three-member advisory committee: Dr. Peter G. Hansen, School of Engineering; Dr. Troy Hicks, College of Arts and Sciences; and Dr. Ronald L. Carmichael, School of Mines and Metallurgy.

The consensus of the committee is that last year's program worked out well—even better than expected, especially for a first-time effort.

Dr. Hansen says, "It gave our faculty a chance to spend time with really outstanding people, experts they might otherwise have been able only to meet briefly or hear at a conference."

One of these was Mervyn Willis,

Australian expert on lead extraction, who was in this country to attend a meeting and extended his visit to spend three weeks at UMR. This was an arrangement that worked out well for both UMR and the visiting professor, in view of the distance involved. "We'll be taking advantage of such visits whenever we can to get international experts on campus," Dr. Carmichael adds.

Although each professor was hosted by a department, their presentations and conference time were open to students, faculty and staff from the whole campus, and many took advantage of the opportunity. Interest extended off campus, too, and at least one of the visitors, Willis, shared his expertise with area industries when he visited smelters in the New Lead Belt.

The time spent at UMR, jam-packed with seminars, speeches and conferences, was a busy time for the visiting

professors, but they say it was well worth it.

And there were, in some cases, some unexpected bonuses for both UMR and the visitors.

"I think we here at Rolla had expected to learn from the visiting professors. But several of them commented that they, too, had profited from their contacts with UMR professors and students," reports Dr. Hicks. "And I think many of them went away with a new appreciation of what we are doing here at UMR."

With the visiting professor program all set for the 1980 fall semester, the committee is looking ahead to next spring.

Mrs. Jenks adds, "One department is a jump ahead. They have already put in a request for a visiting professor who is so much in demand that his schedule is made up two years in advance."

## Meeting Data

EVENT/SITE	DATE
TULSA LUNCHEON.....	November 13
Summit Club	
BARTLESVILLE DINNER.....	November 14
ARK-LA-TEX.....	December 13
Walt Mulyca's Home—Marshall, TX	
NORTHWEST SECTION.....	February 28
Seattle	
AIME.....	February 22-25
Chicago	
FOUNDER'S DAY.....	March 9
Rolla	
ST. PAT'S CELEBRATION.....	March 13-14
Rolla	
ALUMNI-STUDENT-FACULTY CONFERENCE.....	April 23-24
Rolla	
MSM-UMR ALUMNI ASSOCIATION BOARD.....	April 25
Rolla	
CLASS OF 1931 REUNION.....	May 16
Rolla	
COMMENCEMENT.....	May 17
Rolla	
ROCKY MOUNTAIN LUNCH.....	First Tuesday
Denver Petroleum Club	

ATTENTION: Please notify Alumni Office of your meeting arrangements.





University of Missouri-Rolla physics department chairman John Park, left, offers congratulations to faculty advisers, Malcolm Cole, right, and Otto Hill, on receipt of the National Society of Physics Students (SPS) "Outstanding Chapter" Award for 1979-80. Cole is adviser for the UMR SPS chapter—which includes the students' Astronomy Group—and Hill is adviser for the chapter's scholastic honorary, Sigma Pi Sigma. The award was based on chapter activities, membership and projects. Of the more than 470 SPS chapters throughout the nation, only 33 received the "outstanding" designation.



A Phillips Petroleum Co. unrestricted gift of \$1,000 to the petroleum engineering department at the University of Missouri-Rolla was recently presented by Phillips' R.W. "Hank" Hankinson, left, to John Counsil, center, UMR assistant professor of petroleum engineering. Present at the ceremony was James W. Gall, senior chemist for Phillips' refining and separations branch. Hankinson is principal engineer, thermodynamics, in Phillips' information services division. He is a UMR alumnus who received his B.S. degree in 1960 and his M.S. degree in 1962. On the same occasion he presented additional gifts from Phillips of \$1,000 to UMR's geology and geophysics department and \$2,000 to support UMR's Minority Engineering Program. Unrestricted gifts to UMR departments or programs are used for such areas as student financial aid, equipment, undergraduate research projects and student or faculty development.

## Ed Smith, '24, Adds To Trust

A \$50,000 pledge to the University of Missouri-Rolla Engineering Management Trust has been accepted and amendments to the trust agreement approved by the University of Missouri Board of Curators.

The pledge, payable in 1982, is from Edward A. Smith of Tulsa, Okla., who created the trust in 1979 with a commitment of \$250,000 to be funded by the end of 1981.

Amendments to the basic trust agreement will allow the total trust to be used conditionally as capital toward the construction of an engineering management building. Income from the trust fund not used for the building project will fund monetary grants to faculty and full-time students in the department.

UMR is seeking additional private and state support for the \$2.5 million engineering management building.

"Ed Smith's generous gift and the provision for use of the entire trust as capital will be a major factor in our drive for funds to construct a badly needed new engineering management building," says Bernard R. Sarchet, chairman of the UMR engineering management department.

The perpetual charitable trust is administered by an advisory committee composed of Sarchet, UMR Chancellor Joseph M. Marchello, and Don G. Onstott, trust officer of The Fourth National Bank of Tulsa, trustee.

Smith, a UMR alumnus of the class of 1924 and a 1972 recipient of the professional degree of engineering manager, is chairman of the board of Service Drilling Co., Tulsa, and owner of EASCO, an oil producing company in Oklahoma. He is a member of the UMR Development Council's executive committee and was chairman from 1973-75. He is also a founding member of UMR's major gift club, The Order of the Golden Shillelagh.

UMR's engineering management department, one of the first in the country, was established in 1967 and has approximately 1700 graduates.



# UMR's Researchers Look For Missouri's Old Engineering Sites

Dr. Harry Eisenman, an associate professor of history at the University of Missouri-Rolla, is concerned that Missouri may be in danger of losing an important part of its historical heritage and he'd like to get technical about it.

So Eisenman, with funding provided by the Missouri Department of Natural Resources and UMR, is conducting a survey of historical engineering sites in the state. "These things are important and they're worth preserving because they can tell us a great deal about the way people used to do things and about the history of American technology," he says.

"Specifically," he continues, "we're interested in locating and cataloguing such things as dams, mills, factories, bridges, railroad depots and power stations that are at least 50 years old. Some of these sites are pretty run down and locating them and bringing them to the attention of the U.S. Department of the Interior may be the first step toward their restoration. I just hope it's not too late."

Consequently, Eisenman and Randy Stagner, a junior in history at UMR who is assisting with the project, have spent the last several months searching for leads on possible sites.

Although they've managed to identify about 300 potential sites, it hasn't always been easy, and there's "no guarantee that even if they did exist at one time that they're still there," Eisenman says.

"Companies go out of business and factories relocate and records of their existence and transactions, if they existed at all, disappear along with them," he continues. "Then, too, we've run into the problem that old bridges have been replaced with new ones."

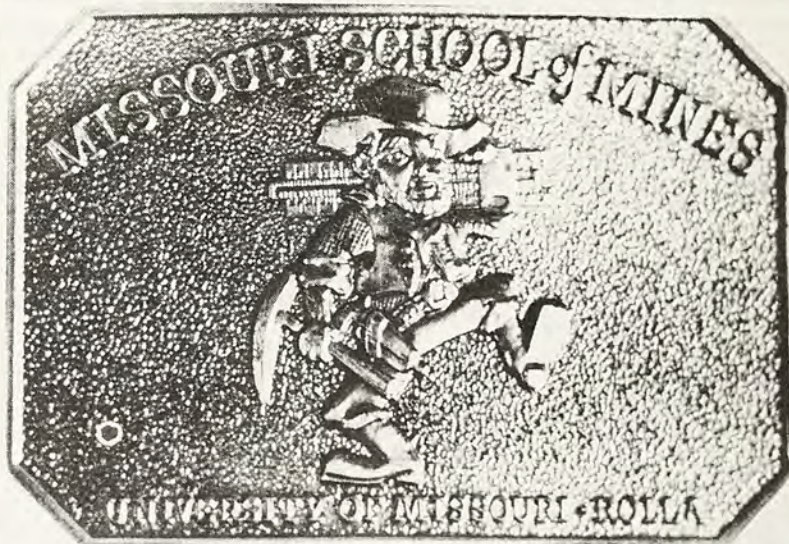
Eisenman says that the project, which he thinks is the only one of its kind in Missouri, will take about three years to complete. During the project's first year, potential sites will be located and 10 of them will be visited by Eisenman and Stagner. "We'll visit a cross section of

sites evenly distributed between the state's eastern and western halves," Eisenman says.

Then during the project's final two years, Eisenman and Stagner will travel throughout the state visiting the sites and preparing their inventories, which will consist of a standardized card on each site containing information such as location, date of construction, ownership, physical condition, photographs and a brief paragraph describing the site, its history and its significance. Eventually, their findings will be published as a book.

"If these sites meet the age requirements and have not been too badly damaged through the years, they may qualify as historical sites, a designation which would be made by the U.S. Department of the Interior," Eisenman says. "Eventually, funds might then be appropriated for their restoration and preservation."

Eisenman is asking anyone who knows of or has information about a potential site to contact him at the Social Sciences Department, 116 Humanities-Social Sciences UMR, Rolla, MO 65401, phone: 314-341-4808 or 4821.



The UMR Student Chapter of the Society of Mining Engineers is offering for sale to alumni our belt buckle.

Proceeds from the buckle sales will enable SME to participate in a variety of activities including field trips, honor banquets, special projects & our bi-annual outing.

We want to thank all of our patrons for their generosity.

Orders and checks for five dollars made payable to the Society of Mining Engineers should be mailed to Mark Prusaczyk, 125 Mining Bldg.-UMR, Rolla, MO 65401.

Please ship \_\_\_\_\_ buckles at \$5.00 each. Enclosed find a check for \$\_\_\_\_\_.

Name \_\_\_\_\_

Address \_\_\_\_\_



## NOTICE

The Department of Defense is considering a new program to increase the participation of **small businesses in defense-related innovative high-technology research and development**. A source list of small, high-technology business firms is now being compiled for future mailings of program information. If your firm is interested in receiving this information, please write to: Hal C. Felsher, director, Small Business and Economic Utilization Policy Office, Under Secretary of Defense for Research and Engineering, Room 2A, 340, Pentagon, Washington, D.C. 20301.

# Extension News

Here's a list of some of the extension continuing education short courses and conferences scheduled by UMR. Where titles are not self explanatory you may call for more detailed information including costs. Call the office of the Dean of Continuing Education and Public Service, 314-341-4156. Written requests should be addressed to the same office, 204 Parker Hall, University of Missouri-Rolla, Rolla, Mo. 65401.

PROGRAM	LOCATION	DATES
<b>School of Mines and Metallurgy</b>		
Transfer of Injection Well Technology	Rolla	Nov. 9-14
Remote Sensing Workshop	Rolla	Dec. 15-19
Nuclear Reactor Operator Training	Rolla	Jan.
Human Factors Engineering in Nuclear Power Plants	Little Rock, AR	Jan.
Remote Sensing Workshop	Rolla	Jan. 5-9
Nuclear Power for Utility Executives	Rolla	Feb.
Subsidence Engineering	St. Louis	March
Ore Microscopy	Rolla	March
Corrosion in Concrete	Rolla	April
Remote Sensing Workshop	Rolla	April 6-10
<b>School of Engineering</b>		
Recent Development in Continuum Thermodynamics	Rolla	Nov. 10-12
Fundamentals of Deep Foundation Design S/C	St. Louis	Nov. 10-14
Asphalt Conference	Columbia	Nov. 13 & 14
Cold-Formed Steel	Rolla	Nov. 18-19
Design of High Frequency Amplifiers	Rolla	Dec. 1, 2, 3
Groundwater Analysis & Design of Dewatering Systems	St. Louis	Jan. 12-16
Fundamentals of Shallow Foundation Design	Rolla	Feb. 2-6
Machine Foundation Design & Analysis	Rolla	Feb. 9-13
Field Instrumentation of Soil & Rock	St. Louis	March 9-13
Fundamentals of Grouting	St. Louis	April 6-10
Geotechnical Earthquake Engineering Conference	St. Louis	April 26-May 1
Geotechnical Laboratory Testing Short Course	Rolla	May 11-15
International Conference on Math Modeling	L.A., Calif.	July 28-31
Land Surveyors Refresher Short Course	Rolla	Aug. 13-15
<b>College of Arts and Sciences</b>		
Women in Coatings-Meeting the Challenges	Atlanta, GA	Oct. 26-28
Missouri Folklore Society	Rolla	Nov. 14-15
Refresher for Painting Contractors	St. Louis	Nov. 11-13
	Phoenix, AR	Jan. 13-15
	St. Petersburg, FL	Feb. 10-12
	Los Angeles, CA	Mar. 3-5
	St. Louis	Nov. 18-20
	Rolla	Mar. 23-27
	Rolla	Apr. 6-10
	Rolla	Apr. 13-17
	Rolla	June 15-18
	Kansas City	May 19-20
Estimating for Painting Contractors		
Introduction to Composition of Coatings		
Introduction to Paint Formulation		
Advanced Paint Formulation		
15th Rare Earth Research Conference		
Practical Waste Management for the Coatings Industry		

Times and dates of courses may change nearer to the time of the course.



# Memorial Resolution

THEODORE J. PLANJE  
Dean, School of Mines and Metallurgy

Theodore J. Planje was born on March 17, 1919, in St. Louis, Missouri. After attending primary and secondary schools in Newburg, Missouri, he enrolled in the Missouri School of Mines and Metallurgy. He graduated in 1940 with a B.S. in ceramic engineering. His graduate studies at the Massachusetts Institute of Technology were interrupted by service in the United States Army Air Corps during World War II. Upon being discharged in 1946 with the rank of Captain, he joined the staff of MSM as an instructor. In 1950 he received a Ph.D. in ceramic engineering from the University of Missouri.

His entire professional career was devoted to UMR where he advanced from assistant professor in 1950, to associate professor in 1952, and to professor and chairman of the ceramic engineering department in 1955. In 1964 when the Missouri School of Mines and Metallurgy was reorganized as the University of Missouri-Rolla, Ted (as he was known to most everyone) was named the first director, then dean of the reorganized School of Mines and Metallurgy and director of the Space Science Research Center. He continued to serve UMR in these capacities, and in addition as assistant to the chancellor for research, until the time of his death which occurred in Lexington, Kentucky, on July 15, 1980, while he was attending a meeting of State Mining Institute Directors.

UMR benefited immensely from his inspiration, foresight and unwavering dedication. Under his leadership, the staff of the ceramic engineering department grew from himself and one part-time instructor in 1955 to six full-time faculty members in 1964. He was instrumental in developing the Nuclear engineering program and in construction of the nuclear reactor at UMR, which was the first in the State of Missouri. He can well be considered the founding father of the Graduate Center for Materials Research since his diligent efforts and resourcefulness led to its establishment at UMR as a part of the

University of Missouri Space Sciences Research Center. Most recently, Ted was involved in the planning and financing of the new Minerals Engineering Building at UMR. He also provided crucially important leadership and assistance at the national level. His was a pivotal role that resulted in the U.S. Congress establishing 500 graduate fellowships in the areas of mining, minerals, and fuels.

Ted received numerous awards and professional honors but always found great pleasure in the recognition given to others, his personal congratulations being among the first to be received. His extensive service to the American Ceramic Society culminated in his being elected president in 1972-73. In addition to being elected a Fellow of the American Ceramic Society, he received the Refractories Award (1973) from the St. Louis Section and the Bleining Award (1980) from the Pittsburgh Section for "distinguished achievements in the field of ceramics". He was an awardee of the MSM-UMR Alumni Association and strongly supported the association's activities and programs. Student recognition of his University work and personal characteristics led to

his being selected as an Honorary Knight of St. Patrick, a member of Pi Kappa Alpha Fraternity, and Distinguished Alumnus by Keramos.

Ted was a warm, friendly, unpretentious person with a deep commitment to students, staff, and faculty. He was never too busy to help students or to have coffee with the staff. If a single word could be found to describe him, the best choice would be dedicated; for he was indeed a dedicated educator, administrator, alumnus, husband, father, and friend. We regret that his sustained 30 year record of contributions has ended.

The committee requests that this memorial be incorporated in the official minutes of the UMR Faculty Meeting of September 2, 1980, and in the minutes of the September 25, 1980 meeting of the UMR Academic Council. It is also requested that copies of this memorial be sent to Ted's wife, Miriam, and to his sons, Theodore J. Planje, Jr., and Curtis E. Planje.

Respectfully submitted,  
G. Edwin Lorey  
R. E. Moore  
D. A. Summers  
D. E. Day, Chairman

## MARGARET McCAW LLOYD

Margaret McCaw Lloyd, Life Member of the MSM/UMR Alumni Association, died Aug. 23. Margaret was a native of Rolla and the widow of Sam Lloyd, a member of the faculty from 1921 until his retirement in 1964.

Always active in community affairs (she was a founding and/or presiding member of many civic groups such as—and this is just a partial list—Rolla's PTA, Junior Women's Club, League of Women Voters, Gardeners of the Ozark Hills, Club TEAC) she was the first woman elected to the Rolla City Council and even ran for Phelps County Sheriff in 1968.

Margaret also found time to give to many campus organizations. She was social adviser to the St. Pat's Board for 37 years (and was one of the first women to be named an Honorary Knight), served as president of the faculty wives group (now Coterie), and was a hostess, confidante and mentor for many students over the years.

One of her latest activities was her participation as moderator and producer of the weekly half-hour show, "Time of Your Life," on KUMR-FM, the campus radio station. For seven years Margaret kept her interviews with retired persons who were still active and vibrant or with persons who had special information for the elderly, one of the most popular local programs offered in Rolla.

Margaret is survived by her daughter, Jeane Lloyd Arras, '44, Sierra Fria 260, Lomde Bar, Mexico 10, DF Mexico, grandchildren, and great grandchildren.

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## Search Committee Formed

A search committee has been formed for the position of dean of the School of Mines and Metallurgy.

Dr. Ernest M. Spokes is acting dean. Dr. Theodore J. Planje, former dean, died July 15.

Robert Wolf, professor of metallurgical engineering, is chairman of the 15-member committee which includes representatives of departments and research centers in the School of Mines and Metallurgy, the College of Arts and Sciences, and the School of Engineering, and representatives from the alumni, student body and the chancellor's office.

Members of the committee include: Harlan Anderson, ceramic engineering; Ernst Bolter, geology and geophysics; D. Ray Edwards, nuclear engineering;

## Applications For Dean

Nominations and applications are sought for the dean who would be responsible for the departments of ceramic, geological, metallurgical and nuclear, mining and petroleum engineering and geology and geophysics. Responsibility also would include related research centers. Candidates must have an earned doctorate related to one of the above fields and have appropriate administrative experience.

Application deadline is Dec. 15, 1980.

Further information can be requested from or nominations (including nominee's address and phone number) may be sent to: Robert V. Wolf, Chairman, Mines and Metallurgy Dean Search Committee, University of Missouri-Rolla, Rolla, MO 65401.

*The Search Committee seeking candidates for the position of Dean of the School of Mines and Metallurgy urges each of our MSM and UMR alumni to offer input to the committee. If you know of someone you believe to be qualified, send in a nomination. If you consider yourself to be qualified and have an interest in the position, send in a resume. We appreciate your assistance.*

*(Signed) Robert V. Wolf, '51*

Argyle D. S. Gillies, mining engineering; Leonard F. Koederitz, petroleum engineering; John D. Rockaway, geological engineering; Charles J. Haas, Rock Mechanics and Explosives Research Center; Thomas J. O'Keefe, Materials Research Center; A. Glen

Haddock, College of Arts and Sciences; Richard Stephenson, School of Engineering; Sarah Ellen Follou, undergraduate student; Robert A. Sickler, graduate student; Paul T. Downing, St. Louis, alumni; and Catherine Jenks, chancellor's office.

## JOBS AVAILABLE

The services of UMR's Career Development and Placement Center are available to alumni as well as students. Each week, many companies request assistance in locating applicants for jobs requiring experience in addition to degrees. The brief job descriptions shown below are examples of job listings received by the office.

To obtain information about the current job listings, alumni need only send an up-to-date resume to the Career Development and Placement Office. The Placement staff will make a search for positions similar to that requested on your resume.

You will then receive information concerning the job descriptions as well as names and addresses of persons to contact.

If you wish to use this service, contact: A. Sam Burton, assistant director-placement, Career Development and Placement Office, UMR, Rolla, MO 65401 (phone: 314/341-4288).

### SAMPLE LISTINGS

#### Industry—Idaho

##### 1 Listing

**Director of geotechnical and hydrological services**—in specialty mining division of large company (contractors, engineers, and developers). BS degree (minimum) and 15 years geotechnical and mining experience, five years of which must be in management capacity with significant exposure in consulting and client/marketing relations.

#### Consulting Engineering—Georgia

##### 3 listings for BSME, MSCE, BSEE

**Environmental engineer**—MSCE/Environmental with four years of recent experience and demonstrated ability to obtain clients. To direct environmental planning, research and study preparation for various A/E consulting projects such as water, wastewater and electric utility facilities. Must be fully conversant with latest environmental regulations and requirements and be able to work with EPA, etc.

#### Company—Mid-Missouri

##### 1 listing

**Product engineer**—BSME with two to eight years experience to learn product engineering. Duties will include a variety of market support functions, including some travel. Some product development work on new equipment.

#### Consulting Engineering—Missouri

##### 23 listings for BS and MS—ME, CE, Environ, EE, Physics, Chem, ChE.

**Project coordinator**—in economic studies department of power division. Represent clients in the performance of electric utility planning studies. Perform and guide team of engineers and technicians in the performance of electric utility planning. Minimum of three to five years' experience in electric utility work. BS in any field of engineering. PE registration.



# Alumni Personals

## 1905

The alumni office has received word of the death of **Lamar Horatio Hunt**.

## 1907

**Aubrey P. Fellows**, Salisbury, Mo., died July 23, according to a notice from his daughter-in-law. He was 94. In 1970, he retired as a partner in the Fellows Hatchery and Hennery, Salisbury. At the time of his death he had recorded 312 hours of lifetime recollections on tape.

## 1909

The death of **Pearl Frederic Michael**, Tulsa, Okla., has been reported to the alumni office.

## 1914

**Hugh Prentice Rice**, Ex '14, died Aug. 3, according to a note from his wife, Myrtle, 2918 Funston St., 30-B, Hollywood, FL 33020. He was 92.

## 1917

The death of **Luther C. Owen**, Ex '17, has been reported by his widow, who lives at 1122 West Ninth St., Joplin, MO 64801.

## 1919

**Raymond John Dowd**, retired attorney for the Illinois Terminal Railroad, died May 27, at the age of 83. He enrolled at MSM in 1915, served in World War I, and received his degree in 1919 in mining engineering. He was a member of Kappa Alpha fraternity, earned letters in baseball and football and was a member of the Rollamo board in 1918. He is survived by his wife, Mary Ann Dowd.

## 1923

**Irwin W. and Gladys Keeley Alcorn** have moved to 3519 Drummond, Houston, TX 77025. Irwin is retired.

**John H. and Mildred Riddle** have now retired and are living in the John Knox Village retirement complex in Lee's Summit. Their address is 205 No. Craigment Drive, Lee's Summit, MO 64063.

**Virgil L. Whitworth** reports he is "very busy with a number of different firms." Virgil is a consulting photogeologist. His address is 1617 Fannin St., Suite 1701, Houston, TX 77002.

## 1926

**Walter Huck**, Ex '26, died Dec. 31, 1979, according to a note received from his widow.

## 1927

Notice has been received of the death of **Truman Hagan Kennedy** on June 23, at age 78. He had retired from U.S. Steel as a executive vice president in charge of operations. After his retirement, Kennedy became a consultant for the Egyptian General Organization of Metallurgical Industries. He was the inventor of the Kennedy Bell and Brickstill used in the steel industry today.

**Murray "Jack" Paul** "sends best regards to all. 80 years old and still holding". Jack and Margie's address is 11121 Jersey Ave., Youngtown, Ariz. 85363.

## 1929

**John Vincent Sundstrom** died November 18, 1979, according to a note from his wife, 916 Greeley Ave., Webster Groves, Mo. 63119.

**Emmet R. and Theresa Kirm** have moved to 28242 Zurburan, Mission Viejo, CA 92692. Emmet reports "after 13 years of retirement we are moving to California to start a new retirement."

**Erwin C. and Shirley Hoeman** report that they "very much enjoyed the 50th class reunion in May." The Hoeman's address is 1300 E. 650 So. Pleasant Grove, UT 84062.

**Charles Harold Jennings** died July 29. He was a civil engineer with the U.S. Geological Survey in Missouri in the early 1930s. He later worked for the Army Corps of Engineers, REA, Bureau of Reclamation, Potomac River Naval Command and the D.C. Sanitary Engineering Department. He retired from Public Buildings Service of the General Services Administration. He is survived by his wife, Pauline, 4116 Blackthorn St., Chevy Chase, MD 20015, a son John A and a daughter, Barbara J. Courtney.

**Eulalie I. Powell** died July 16, at the Rolla Manor Care Center. She was 86.

## 1931

**Clyde E. Wilhite** writes "will be at 1980 homecoming since class of '30 was my original class". Clyde and Margaret live at 12028 E. Canal Drive, Aurora, CO 80011.

## 1932

**Arthur and Elizabeth Hoeman** write: "Just finished a two week 'love boat' cruise from San Juan through Panama Canal. Wonderful, wish you were there! Best to all!" The Hoeman address is 880 Keeler Ave., Berkely, CA 94708.

**Robert and Elanor Roeser's** address is 9 Ellie Court, Lancaster, NY 14086. Robert retired as Director of Engineering for the Erie County Health Dept.



## Alumni Personals

### 1933

**Clarence Frederick Berthold**, retired, died July 30. He is survived by his wife, Helen, and two children. Notice of the death was forwarded to the alumni office by V. L. Asher '33.

A note from **B. J. Gross** reports: "Another business venture at 72 (chairman of Capro Inc.)--doing this instead of golf. **J. D. 'Nick' Nicholson** now in our community ('Aug. 42')." B. J. and Adelaide's address is Box 111, Elkins Lake, Huntsville, TX 77340.

**William W. Kay** reports that he is listed in the 1980 edition of "Who's Who in Engineering." He is an associate with Behre Dolbear and Co. Inc., New York, NY. He and Alice live at The Highlands, Drums, PA 18222.

**Theodore Owen Seiberling** died Aug. 19, according to a notice received by the alumni office.

The following up-date comes from **Alvin A. Wehrman**. "Retired after 38 years with the Corps of Engineers and five years active duty in World War II, Col. AUS. Now play golf, travel and fiddle with the stock market." Alvin and Jo live at 7520 Caruth Blvd., Dallas, TX 75225.

### 1934

A note from **Lauren P. Tuttle** says: "Elizabeth and I carrying on strong. Doing lots of faceting and in second term as president of local Gem and Mineral Club." The couple lives at 1126 Bunker Hill Blvd., Jacksonville, Fla. He is retired from the Corps of Engineers.

### 1935

**Howard B. Colman** retired as manager of engineering for American Cyanamid Co., Bound Brook, N.J., in March, 1978. He and Eugenia live at 594 Country Club Road, Bridgewater, NJ 08807. He says he plans to attend the 1980 reunion in October.

### 1936

**J. Clay Turk** reports that he retired in April of 1978 after 37 years in various capacities at Kodak Park Facilities organization of the Eastman Kodak Co. He and Fay live at 27 Landmark Lane, Pittsford, NY 14534.

### 1937

The following news is submitted by **Wilbern T. Moore**: "I have been working as a consulting engineer on drilling and workover rigs since I retired from Amoco Production Co., in 1971." He and Evelyn live at 720 W. Cedar Lawn, Alvin, TX 77511.

### 1938

**Lawrence W. "Larry" Casteel** retired this spring as vice president-mining for St. Joe Lead Co. He had been with the company for 42 years. Casteel was cited by the company for his work on the development of the first mine in the New Lead Belt of Southeastern Missouri and his efforts in providing for an orderly retreat from the Old Lead Belt to the present mining headquarters at Viburnum. He was responsible for the layout of the mines and the design and construction of the mills and surface facilities at the Fletcher and Brushy Creek divisions. Larry and Justine's address is still Viburnum, MO 65566.

**Roy C. Cornett** writes that his wife Mary had open heart surgery on July 2. "She returned home on July 11 and is slowly recuperating." Roy and Mary's address is 6109 Everglades Drive, Alexandria, VA 22312.

**John C. "Jack" Radcliffe** died Aug. 1. He is survived by his wife, Miriam, 542 Oaks Court, Webster Groves, MO 63119, and two children. Notice of the death was forwarded by V. L. Asher, '33.

**W. L. Aves Jr.**, president of Aves Industries Inc., sends the following report: "Company active in the application of hard and corrosion resistant boride cases to ferrous, super alloy, refractory metal and titanium substrates. Recently opened Aves Industries West Inc. in Spokane Wash." He and Ruth live at 1703 Hilltop Lane, Arlington, TX 76013.

**J. Daryl Breeden** has joined Memorex Corp. as plant engineer. Daryl and Barri live at 225 Brailsford Rd., Summerville, SC 29483.

**Carl H. Cotterill** has been promoted to director, division of field operations, for the U.S. Bureau of Mines. Carl and Ollie's address is 6030 Corland Court, McLean, VA 22101.

**B.A. and Mildred Dennis** have moved to 101 Townhouse Drive, Madisonville, KY 42431. He is a technical representative for E. I. Dupont de Nemours.

**Edward L. Rueff** is an estimating engineer with Fruin-Colon Contracting Co. Edward and Mabel's address is 1012 Oakland, Kirkwood, Mo. 63122.

### CORRECTION

**Douglas C. Iden** (professional degree, management engineer, 1974) sends us the correct information that he is now a volunteer executive with International Executive Service Corps, 622 Third Ave., New York, NY 10017. He says, "The only reason for noting the correction is that I have had several inquiries from retirees interested in being of service, not content to be rocking chair seniors. Others may be interested, too. It is a fine organization helping developing nations world wide. All types of talent and industrial/business backgrounds are used." Doug is now living at 210 Storter Ave., Everglades City, FL 33929.



## Alumni Personals

### 1941

**Frank H. Mentz**, retired farmer, Route 2, Box 186, Sheridan, AR 72150, sends the following: "My wife, Dorothea, died on June 15, as the result of a stroke. She had been hospitalized six times over the past 14 months for three major surgeries, one allergy attack, one pulmonary edema and finally the stroke."

### 1942

**Harold W. Haas** is "still working in Norway on the Ekofisk Project". Harold and Helena's address is Phillips Det. Co-Norway-P.O. Box 69, Stavanger, Norway 4001.

**Anthony Homyk Jr.**, retired district chief, USGS Water Resources Division, died July 3, in Rolla. Tony had been with USGS since 1946 when he was discharged from the service. He received an MSM-UMR Alumni Association Achievement Award in 1974. He is survived by his wife, Erma A., 1104 East Ninth St., Rolla; two daughters, Annette Cyrus and Vicki Hudgins, both of Rolla; and three grandchildren. The family has established a memorial in his name through the MSM-UMR Alumni Association.

**Welby M. King** reports that he is semi-retired. "I work part-time through Southwest Innovation Group (he's vice president of SIG) as consultant to local governments re energy management/conservation." Welby (he is known in the business as "Matt") and Dorothy live at 2713 North Wright St., Santa Ana, CA 92701.

**Charles Richard Trotter** died Aug. 10. A retired civil engineer, he was founder of C. R. Trotter and Associates, Dexter. He is survived by his wife, Dorothy, 106 Trotter Lane, Dexter, MO 63841, and one daughter. Notice of the death was sent by John L. "Jack" Painter, '50, Poplar Bluff, who commented, "Dick was a highly respected engineer, family man, civic leader and a good personal friend."



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The alumni office has received notice of the death of **Joseph Lynn Forinash** on Dec. 23, 1979, in an auto accident.

### 1943

**James H. and Helen Bottom** have moved to Route 6, Box 602, Mooresville, NC 28115.

**Robert L. Ehrlich** has now retired from the working world. Robert and Mary's address is 374 Wyekoff Ave., Wyekoff, NJ 07481.

**William H. Gimson Jr** has joined the Peace Corps as a volunteer. Bill's new address is 2927 E. 26th Place, Tulsa, Okla. 74114. He will be working in Rabat, Morocco.

The following has been received from **Edward T. Kendall Jr.**: "Enjoying retirement. Just finished restoration of a 1923 'T' Ford sedan which we have owned since 1945! Earl Biermann and I nearly froze in it on trip from St. Louis to Rolla in 1946!" Ed and Frances live at 4829 Currituck Drive, Charlotte, NC 28210.

**Charles L. McGehee** has joined Columbian Chemical Co. as a senior research scientist. He and Betty live at 12 Magnolia Drive, Monroe, LA 71203.

### 1944

**James D. Gostin** is now the owner of J-G Sales Co. in Arcadia, Calif. Jim and Theda's address is 180 Mount Olive Drive, Bradbury, CA 91010.

**Nace F. Mefford Jr.** sends the following message: "As of May, 1979, am executive vice president of Enterprise Petroleum Inc., engaged in drilling for oil and gas reserves. Office phone: 713-759-9258, home phone: 713-333-5631." Nace and Mary Jo live at 1914 Port Royal, Houston, TX 77058.

**Peter Mushovic** reports the following: "Moved last October from Delco Moraine (Dayton, Ohio) where I was director of quality control, to General Motors France to become works manager. Products at GMF are: alternators, cranking motors, coils, distributors, power brakes, master cylinders, disc brakes, fuel pumps, spark plugs, and clutch assemblies." Peter and Norma Jean's address is 47 Avenue De L'Abreuvoir, 78170 La Celle Saint Cloud, France.

**H. J. and Edna Rudisaile** write "effective June 1, Edna and I have accepted the Westinghouse Power Systems responsibility for marketing in Saudi Arabia for an approximate 3 year period". The Rudisaile's new address is P.O. Box 3779, Riyadh, Saudi Arabia.

### 1946

**Austin B. Clayton** sends the following item: "Daughter Audrey (Mrs. Tim Webb) who was born in 1946 during UMR term (in Waynesville hospital), now has two girls of her own...Grace, 3, and Martha, 1." Austin and Elva, the proud grandparents, live at 909 E. Hawthorne Ave., Colville, WA 99114. Austin is retired plant engineer for Lehigh Portland Cement Co.



## Alumni Personals

### 1947

**Anton and Mary Lou Leone** have "at last become grandparents." They now have a granddaughter, Megan Leone Patterson. The parents are Ann and Gary Patterson, St. Joseph, MO. The Leone's address is 3443 St. Mary's, Hannibal, MO 63401.

**Otto L. Van Maerssen** is now an engineering specialist with Vought Corp. He explains: "I'm still working for LTV (although the name of the subsidiary was changed). I'm now in a missile project office." Otto and Hortensia live at 4207 Williamsburg Road, Dallas, TX 75220.

### 1948

**Maurice H. Ellis** has accepted a position with Varco-Pruden, Memphis, Tenn., as project manager-national accounts. Maurice and Marjorie's new address is 8075 Farmingdale, Germantown, TN 38138.

**Floyd A. Ellison** writes: "Son George is a Russian interpreter on the USS Nimitz; oldest daughter, Suzanne, is a brand new M.D.; daughter Cathy attends Del Mar College; daughter Pat is starting her junior year at UT; and Libby is involved in too many endeavors to list. I scratch around hunting for oil and gas and happily find enough to make it worthwhile. Congratulations on the new directory--It's great!" Floyd and Libby's address is 6202 Lost Creek, Corpus Christi, TX 78413.

**William V. Hartman**, executive vice president of the Peabody Coal Co., recently returned from Peking, China, where he and a survey team of engineers met with representatives of the Chinese Ministry of Coal Industry. Negotiations were discussed relative to Peabody Coal working with the Chinese on the development of an open-pit mine south of the city of Tatung, Sahnai Province. A detailed account of the trip may be found in the summer issue of the Peabody Magazine.

**Oscar S. "Bud" Ayers**, District 2 engineer for the Missouri Highway and Transportation Department, retired after 32 years of service with the department. He had been district engineer at Macon since 1966. His address is 1204 Englewood Drive, Macon, MO 63552.

**C. W. Funk** is now principle engineer with Westinghouse in Richland, Wash. He and Ruth live at 310 Comstock, Richland, WA 99352.

**Robert E. Held** "retired this spring from the Federal Emergency Management Agency after nearly 33 years of service." Bob and Zelda's address is 7509 Dew Wood Drive, Rockville, MD 20855.

Word has been received of the death of **William Cowie McMillan** on April 5. He had been a senior design engineer with the Texas Highway Department in El Paso, Texas.

### 1949

**Gordon Raymer**, senior research specialist with Lockheed Aircraft in Burbank, Calif., reports that he is now in the aerodynamics department. Gordon and Dorothy live at 249 Mero Lane, La Canada, CA 91011.

**Robert Bernard Anders** died on July 12. Bob had recently retired after 30 years as a hydrologist with the U.S. Geological Survey. He is survived by wife, Catherine, and son, Bruce, 1155 E. Westchester, Springfield, MO 65807. His career took him to posts in California, Florida, Texas, Puerto Rico and, most recently, Reston, VA.

**Coy L. Breuer**, assistant division engineer of construction at the Missouri Highway and Transportation Department, has been elected chairman of the Professional Engineers in Government division of NSPE. Coy has been employed by the Missouri Highway and Transportation since 1949. His address is 2708 Garden View, Jefferson City, MO 65101.

**Donald G. DeBolt** formed D. G. DeBolt Co., a new company in April. It's a sales agency serving power companies and large industrials in North Texas, Oklahoma and Northwest Louisiana. Don and Mary Lou's address is 9122 Raeford Drive, Dallas, TX 75243.

**C. R. "Chuck" Remington** will have completed one year as director of UMR's cooperative training program on Sept. 1. Chuck and Agnes live at 649 Salem Ave., Rolla, MO 65401.



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## Alumni Personals

### 1949 (Cont.)

**Ernest "Ernie" J. Siracusa** is going to China. He will spend three weeks visiting the cities of Peking, Harbin, Chungking, Boaji and Fushung for Lockheed Aircraft. Ernie and Normalee's address is 2476 Powers Ferry Drive, Marietta, GA 30067.

**Paul Eugene Tanner** has joined H.W. Lochner as chief construction engineer. Paul and Patricia's address is 105 Adelaide Ave., Elgin, IL 60120.

**William J. and Frances Young** have a new address—P.O. Box 593, Orangeville, UT 84537. He is a resident engineer for Brown and Root, Inc.

### 1950

**William G. Bachman** is president of Bachman Machine Co., St. Louis. He and Carol live at 2 Armstrong Drive, Glendale, Mo. 63122.

**Robert L. Choate** has joined Northern Virginia Community College as assistant professor-electronics. Robert & Dixie's address is 274 Prospect Drive, Leesburg, VA 22075.

**John F. Delaney**, '50 and '55, is now a senior metallurgical engineer with Cyprus Mines Corp. Thompson Creek Project. John and Catherine live at 10283 Glen Ellyn Court, Boise, ID 83704.

**Donald L. Honerkamp** completed thirty years with ARCO in June. Don and Ruth's address is 1932 Overlook Road, Fullerton, Ca. 92631.

**Raymond H. Maag** sends the following report: "Recently left C & I Girdler, as a process engineer, to join Philip Morris Resident Engineer Group to serve as senior engineer—primary—on materials handling projects. Daughter Marilyn is married to Roy Settergren and is living in Wacissa, Fla." Ray and Marion may be reached at 3302 Evergreen Circle, Jeffersonville, IN 47130.

A note from **Donald W. Marshall** says: "Lou has left the J.C. Penney Co. and joined me here at the lake full time. Both enjoying retirement and our home here at the Lake of the Ozarks. Hope to get in a bit of RV Trailer travel. Our friends from MSM are invited to drop by." The Marshall's address is Route 2, Box 319, Sunrise Beach, Mo. 65079.

**Carl M. Knowles** has joined Bechtel, Inc. as construction manager. Carl and Betty's new address is 1217 Robyn Drive, Danville, Ca. 94526.

**Hugh W. McFadden** has joined Maren Engineering. Hugh and Jean's address is 1512 West 190th, Homewood, Ill. 60430.

**Harvey W. and Gerry Meier** have moved to 43 Jamestown Farm Drive, Florissant, Mo. 63034. Harvey is president of Meier-Templeton Associates.

The sudden death of **Richard B. Miller** on April 5, has been reported by his wife, 23 Ridge Crest, Chesterfield, Mo. 63017.

**L. Murray Pipkin** is now chief, bureau of project development, for IDOT—Water Resources. He and Sally live at 1701 South College St., Springfield, Ill. 62704.

**Gerald Schnaedelbach** has joined Air Florida as vice-president, operations commuter services. Gerald reports "having a good time flying jets for Air Florida". Gerald and Wendy's address is 2823 Patterson Ave., Key West, FL 33040.

Notice has been received of the death, on Aug. 10, of **Robert B. Shaffer**, owner and operator of the Robert B. Shaffer Accounting Service. He is survived by his wife, Bernice, 811 S. Mansion, Sullivan, Mo. 63080, four daughters and a son.

### 1951

**Gerald B. & Mary Bellis**' new address is 33 Chessfield Park, Little Chalfont, Amersham, Bucks, England HP6 6RU. Gerald is a consultant, pipeline and terminal, for Chevron Petroleum (UK) Ltd. in London.

**Dudley Blancke** has been named public affairs coordinator for Union Carbide Co. He and Martha may be reached by writing to Box 862, Custer, SD 57730.



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## Alumni Personals

### 1951 (Cont.)

**Arthur A. and Irene Dasenbrock** have moved to 7489 So. Dahlia Court, Littleton, CO 80122. Art is a senior construction manager for Stone & Webster Engineering Corp.

**J. K. Elbaum** is now a technical manager with the U.S. Air Force at Wright-Patterson AFB. He and Lenora have moved to 5736 Heather Hollow Drive, Dayton, OH 45415.

**Ted and Joyce Gosen** have become proud grandparents of a first grandchild, Griff Jenkins, born October 2. Ted has started his 30th year with ARCO Refinery in Carson. The Gosen's address is 2734 Yearling St., Lakewood, CA 90712.

**E. J. Krokroskia** has been named division manager-lead mining of the St. Joe Lead Co. He has been with St. Joe Lead Co. since 1951. His address is Box 32, Viburnum, MO 65566.

**Raymond F. and Caroline Roller** have moved to 27273 Paula Lane, Conroe, Texas 77302. Ray is sales manager of Reliance Electric.

**Samuel Shaw III** has been promoted to vice president-uranium operations for Sohio Western Mining Co. in Albuquerque. Sam and Lorraine's address is 3834 Elaine S.E., Los Lunas, NM 87031.

**Robert J. Smith** has accepted a position with Anaconda as technical manager. Robert and Mary live at Route 3, Box 223, Eden, NC 27288.

**C. E. Steinmetz** is director-quality for ITT Grinnell. He and Georgia live at 1967 Division Road, East Greenwich. **George E. Stewart** has this to say: "Let's hear more from the '49 thru '53 classes. Even if you haven't achieved an executive title, we know that MSM Alumni are the primary strength of any organization that they are with." George & Janet's address is 684 Greensleeves Dr., Fenton, MO 63026. George is mechanical department section chief with Fruco Engineers, Inc.



1979 Rollamo

**Gerald M. and Jackie Wilson** have moved to 45 Janin Place, Pleasant Hill, CA 94523.

### 1952

**J. J. Kadnar and Mary Ann** have moved to 10039 Wimbledon Court, Cincinnati, OH 45242. He is district manager for U. S. Borax and Chemical Corp.

**Roger J. Schoepfel** has joined Mississippi State University as professor of petroleum engineering. Roger and Jody's new address is Box MX, Mississippi State, Miss. 39762.

**James R. Sweeney** was promoted to manager consulting engineering for Inmont Corp. in Hawthorne, N.J. James and Phyllis' address is 693 Vance Ave., Wyckoff, NJ 07481.

**Roger E. Wakefield** has been promoted to concentrator manager for Cypress Bagdad Copper. Roger and Carol's address is Box 272, Bagdad, AZ 86321.

**Norman Williams** is an aerospace engineer with the U.S. Army Aviation Research and Development Command in St. Louis. He and Shirley live at 9604 Twincrest Drive, St. Louis, MO 63126.

### 1953

**Kenneth Heimbaugh**, president of Moval Contractors Inc., has been elected to the board of directors of the United Bank of Union. Ken and June live at 307 Bourbeuse Road, Union, Mo. 63084.

**Bernard F. Howe** has been promoted to vice president of Power Exploration Co. Inc. Bernie and Mary's address is 5808 Foxcroft Road, Tyler, TX 75703.

**Donald Lee Lilly** died August 4, 1980, according to a notice from **Vernon Jones, '53**.

**Bert L. Smith** was awarded the "1980 Outstanding Educator Award" from Wichita State University. Bert and Joyce's address is 7011 Foster Lane, Wichita, KS 67206.

**James E. Thompson** has been promoted to director-transportation program development with Wyle Laboratories. Jim and JoAnn's address is 6841 S. Fox Way, Larkspur, CO 80118.

### 1954

**Joseph B. Cole** is a project manager with Williams Brothers Engineering Co. Joseph and Irene now reside at 6939 East 66th, Tulsa, OK 74133.

A note from **James C. Jones** says: "Currently on an 18 months assignment in Trinidad for construction of an ammonia fertilizer plant for FERTRIN at Point Lisas, Trinidad. FERTRIN is a joint venture project of AMOCO Chemicals Corp. and the government of Trinidad." Jim and Renee's address is 8420 Grace St., Highland, IN 46322.



## Alumni Personals

**James O. Toutz** has been elected to the position of vice president sales for Forney Engineering Co. Jim and Pat's address is 405 Atherton, Garland, TX 75043.

### 1955

**James S. Anderson**, president of Anderson Engineering Inc., has been installed as president of the 3,200-member Missouri Society of Professional Engineers. He has served the organization as treasurer, secretary and vice president. Jim's address is 2254 Holland, Springfield, MO 65804.

**Truman D. Anderson** has been appointed director of program planning and analysis for the Oak Ridge National Laboratory, Oak Ridge, Tenn. His address is 4301 Pleasantwood Road, Knoxville, TN 37921. This information was forwarded to the Alumnus by former chancellor, Merl Baker.

**A note from Dave and Grace Archer** reports: "The Archers are living at the top of the Andes and Dave is district superintendent, production, for Texaco at the head waters of the Amazon River in Quito, Ecuador." Their address is Apartado Postal 1006, Quito, Ecuador, SA.

**Arthur G. Baebler** was named chairman-elect of the four-campus University of Missouri Alliance of Alumni Associations at a meeting of the group held in Columbia, Sept. 12-13. He will hold that position for the 1980-81 academic year and be elevated to the chairmanship next year. Art is executive vice president and director of economic development for the Regional Commerce and Growth Association of St. Louis. He received the professional degree management engineer, from UMR in 1970 and is a vice president of MSM/UMR Alumni Association. His address is 20 Fox Meadows, Sunset Hills, MO 63127.



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**Roy Chastain** is vice president of chlorine repackaging firm (Continental Chemical Co.) with plants in Sacramento and Anaheim, Calif. He is listed in the 1980 edition of "Who's Who in Engineering." Roy and Laura live at 2031 Picasso Ave., Davis, CA 95616.

**Richard L. Jones** has been promoted to engineering specialist with General Dynamics. His address is 6871 Chickerling Road 222, Ft. Worth, TX 76116.

### 1956

**James L. Hickernell** has been promoted to manager international market development for Reed Rock Bit Co. Jim and Joan's address is 12419 Pinerock, Houston, TX 77024.

**Klaus Martin Kohler** writes that he is now manager, advertising and public relations for Auergesellschaft, the German subsidiary of Mine Safety Appliances of Pittsburgh, Pa. He also announced that he and his wife, Astrid, have a son, Philipp B., born Nov. 3. The family's address is Norderneyer Str. 45, Berlin 33, Germany D-4000.

**Robert J. Scott**, '56 and '57, reports that he has been vice president of manufacturing for Rodney-Teledyne of New Bedford, Mass., for the past two years. Bob and Clare live at 26 William Bradford Road, North Dartmouth, MA 02747.

**Ken Steffan** has been promoted to division general manager, information processing division at Aerospace Corp. Ken and Connie's address is 13306 Hansworth Ave., Hawthorne, CA 90250.

### 1957

**Robert W. Becker** has been promoted to manufacturing manager for Allied Gear Machine Co. Bob and Carol's address is 655 Crowsnest Drive, Ballwin, Mo. 63011.

**Roger L. Guyot**, president of International Utility Supplies Inc., says his company is now exporting electrical and mechanical equipment to 14 countries. Roger's address is Route 1, P.O. Box A, Columbia, IL 62236.

**Robert E. Hinds** has been promoted to chief, program development office, with the Corps of Engineers. Bob and Haroldine's address is 2215 South St. Louis, Tulsa, OK 74114.

**James Smith McDonnell**, president of McDonnell Aircraft Corp., St. Louis, died Aug. 22. McDonnell received a Doctor of Engineering degree (Honoris Causa) from UMR in 1957.

### 1958

**Virgil C. Armer Jr.**, chief engineer for the Haven's Steel Co., died June 10. He was a member of the American Society of Civil Engineers, the Prairie Village Planning Commission and Sigma Nu fraternity. He is survived by his wife, Diane, and two children of 9804 Overbrook, Leawood, KS 66206.



## Alumni Personals

### 1958 (Cont.)

**Larry C. Atha** has been promoted to project manager with the U.S. Army BDM Adv. Tech. Center. Larry and Patricia's address is 11025 Louis Drive, Huntsville, AL 35803.

A mini reunion was held earlier this year when several physics grads were on campus to honor retiring physics professor Louis Lund. On hand for the occasion were: **Russell V. Cochran Jr.**, B.S. '58, Ph.D., '64, publisher from West Plains, MO 65775 (P.O. Box 469); **James M. Phillips**, Ph.D. '66, 2919 Cochise Drive, Independence, MO 64057, and now a physics faculty member at UMKC; and **John C. Carstens**, Ph.D. '66, now associate professor of physics and senior research investigator, Cloud Physics, at UMR.

**Dale W. Harris** has been promoted to deputy project manager/group project for NASA/Goddard Space Flight Center in Greenbelt, Md. Dale and Patricia's address is 3004 Vandever St., Brookeville, MD 20729.

**Jerold K. Littlefield** has been promoted to project engineering manager with Bechtel Inc. of San Francisco. Jerry and Kay's address is 1548 36th Ave., San Francisco, CA 94122.

**James and Janice Nolan** have moved to 1478 Inverrary Drive, Naperville, IL 60540. Jim is general manager for Wesco Manufacturing Inc., Aurora, Ill.

**Elmer "Bud" Slates** says: "Recently reassigned to represent the Naval Weapons Center at McDonnell Douglas on the Harpoon missile program at the St. Charles/St. Louis facility. Attempting to get weapons to the fleet in spite of budget cuts, mounds of paper, politics, and bureaucracies." Bud and Virginia live at No. 5 Lejer Lane, St. Peters, MO 63376.

**James L. Urban** has been promoted to sales manager, special quality bars, for Laclede Steel. He and Eugenia live at 2S 203 Stratford Road, Glen Ellyn, IL 60137.

### 1959

**Jim and Sue Berkel** have moved to 5073 Norwood Drive, Bettendorf, IA 52722. Jim is a supervising engineer with Caterpillar Tractor.

**Allen E. Deddens** is now district sales manager for Nooter Corp. He and Ann live at 175 Quindaro, Florissant, MO 63034.

**Fred R. Dice Jr.** has joined Midwest Carbide Corp. as a plant engineer. Fred and Fran's new address is 2001 Park Lane, Keokuk, IA 52632.

**G. R. Wyman** is president of Anama & Mining Co., Sahuarita, Az. He and Mary live at 205 Greenock, Oro Valley, AZ 85704.

### 1960

**John C. Anderson** says: "Have relocated to center of seven state region I serve (as regional engineer) for the Ductile Iron Pipe Research Association." His and Beverly's new address is 709 South First St., Indianola, IA 50125.

**Col. Kerwood W. Barrand** has been named director of engineering and housing at the U.S. Army Training Center at Fort Dix, N.J. He and Natalie live at 17 Holly Crest, Ft. Dix, NJ 08640.

**Carrol L. Blackwell** is employed by U.S. Army Corps of Engineers, St. Louis District, as assistant chief, construction division. Carrol and Doris live at 818 Moandale Drive, Ferguson, MO 63135.

**B. Douglas and Margaret Munsell** have moved to 186 Gunston, Lexington Park, MD 20653. He is a lead engineer with McDonnell Douglas Corp.

**Glenn I. Swartz** sends the following: "Pat, Glenn and Jana are now in Iowa. Glenn has responsibility for Sheaffer Pen's three manufacturing facilities (he is manufacturing manager for Sheaffer Eaton Division of Textron). Son Steven is married and he and his wife, Terri, are in Rolla, where he is a junior in chemical engineering." Glenn and Pat live at 62 Country Club Lane, Fort Madison, IA 52627.

**Donald A. and Esther Wisdom** have moved to 5940 S. W. 79th St., Miami, FL 33143. Don is executive vice president-land planning for GAC Properties Inc.



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## Alumni Personals

### 1961

**Ronald V. Anderson** has been promoted to general manager for Ensley Tool Co. Ron and Carol's new address is 515 N.W. 66th St., Kansas City, MO 64118.

**Dr. Richard Bolander** was awarded the General Motors Institute Alumni Outstanding Teaching Award for 1980. According to Richard, a committee of GMI and alumni representatives screens nominations from students, faculty and alumni to determine award winners. Richard and Barbara's address is 8236 Corunna Road, Flint, MI 48504.

**Bill and Darla Gaede** have moved to 6000 Hall St. S.E., Grand Rapids, MI 49506. Bill is plant manager for C & F Stamping Co.

**George H. Jordan** reports that he is chairman of the Food, Drug and Beverage Equipment Committee of the American Society of Mechanical Engineers and is Asst. S-3, 47th Infantry Division Artillery, Minnesota Army National Guard. He is also supervisor, mach engineering for Alvey, Inc., St. Louis. He and Rita live at 2409 Westminster Drive, St. Charles, MO 63301.

**Robert C. Kohlleppe** has moved to 404 S. Silvertop, Raymore, MO 64083. He is a field engineer with Black & Veatch in Kansas City.

**Jack R. Long** has joined the National Castings Division of Midland Ross Corp. as director-engineering research & development. His new address is 4442 Periwinkle, Richmond Heights, OH 44143.

**James R. Ogle** has accepted a position with U.S. Reduction Co. as technical director. Jim and Laura's new address is 9254 Olcott, St. John, IN 46373.

**David F. Maune** is a Lt. Col., Topographic engineer, with the Naval War College. Dave and Mary Ellen's new address is 65 Jackson Road, Fort Adams, Newport, RI 02840.

**Henry N. Peterson** has been promoted to PCC manager for Texas Instruments. Henry and Margaret's address is 604 Sharon Drive, Johnson City, TN 37601.

**Edward A. Snajdr** has been promoted to manager, research and development for Combustion Engineering, Inc., Valley Forge, Pa. Edward and Sallee's address is 104 Concord Ave., Exton, PA 19341.

**Harvey J. Walker Jr.** has joined the U.S. Army Corps of Engineers as director of facilities engineering. Harv and Karen may be reached at DFE, NTC Bldg. 340, Ft. Irwin, CA 92311.

### 1962

**William C. Erickson** has been promoted to assistant group leader for Los Alamos Scientific Lab. Bill and Rosalie's address is 2220 48th St., Los Alamos, NM 87544.

**David E. Fischer** has been promoted to director broadband systems & technical assessment for Continental Telephone. David's address is Box 76871, Atlanta, GA 30328.

**Larry J. Hatfield** has joined Nuturn Corp. in Nashville, as vice president/general manager. Larry and Pat's new address is 107 Century Oak Drive, Franklin, TN 37064.

**C. Kurt Lamber** has been promoted to chief geologist for the U.S. Army Corps of Engineers, New York District. Kurt's address is 210 Fifth Ave. No. 1102, New York, NY 10010.

**M. David Rickard** is president of HRT Engineering. Dave and Suzanne's address is 3530 Silver Springs Rd., Lafayette, CA 94549. His firm specializes in water and waste treatment in California.

**Ellis Speicher III** and Virginia have moved to 7408 Dickens Drive, Sarasota, FL 33581. He is a program manager for Sangamo Weston.

### 1963

**Jefry Denzel** has been promoted to manager, facilities planning section for Rieke, Carroll, Muller Associates, Inc. He says: "additional work areas recently acquired include: wastewater reclamation (drinking water from wastewater); energy recovery from solid waste and gasahol from corn; and hazardous waste." He and Maurene also announce the birth of their first child, Jason, on May 6. Their address is 440 Comstock Lane, Plymouth, MN 553430.

**James Knox** writes "In January I will travel to Chile to help the University of Concepcion set up research programs in biophysics under the UNESCO program." Jim and Jane's address is 159 Hanks Hill Road, Storrs, CT 06268. He is an associate professor of biophysics with The University of Connecticut.

**Mark W. Morris** has been promoted to manager, EW systems engineering for ESL Inc., in Sunnyvale, Calif. Mark and Jo Anne's new address is 12195 Padre Court, Los Altos Hills, Calif. 94022.

**N. M. Naikimbalkar** reports: "I was promoted to the new position of mine superintendent in March at Sohio Western Mining Co.'s L-Bar uranium operations. It is located 45 miles west of Albuquerque." He and Magdalena live at 3700 Windsor Court, Rio Rancho, NM 87124.

### 1964

**Waye G. and Peggy Benz** have moved to 8734 Logan Ave. So., Bloomington, MN 55431. Wayne is manager, international education marketing for Control Data Corp.

**Jack H. Green** has joined Ideal Basic Industries as maintenance superintendent. Jack and Carolyn's new address is 109 Ventura Circle, Daphne, AL 36526.



## Alumni Personals

### 1964 (Cont.)

**Robert L. and Beverly Cusham** have moved to 654 N. Alamo Drive, Freeport, IL 61032. Bob is a project engineer with King Seeley Thermos Co.

**Mrityunjoy and Byarati Dutta** have moved to 2579 Giant Oaks Drive, Pittsburgh, PA 15241. Mrityunjoy is a metallurgist with Blaw-Knox Foundry & Mill.

**William and Margaret Haymes** have moved to 726 W. Clark, Vermillion, SD 57069. Bill is an assistant professor of physics at the University of South Dakota.

**Gary R. Holland** was elected president of CPT Corp. in January. Gary and Gretchen reside at 6312 Indian Hills Road, Edina, MN 55435. CPT manufactures word processing computer equipment.

**William A. & Anna Jacobs'** address is 711 Notre Dame, Edwardsville, IL 62025. William is now vice-president with Polymer Concrete Co.

**Donald W. and Marion Land** have moved to 2010 Wakfield Lake Road, Glencoe, MO 63038. Don is an associate of Hok Engineers Inc., St. Louis.

**Ken Masters** has been named director, refinery planning for CRA Inc., a subsidiary of Farmland Industries Inc., Kansas City, Mo. His address is 7909 N. Main, Kansas City, MO 64118.

**Charles O. Riggs** is the recipient of a Special Service Award of the American Society for Testing and Materials Committee on Soil and Rock for Engineering. The award recognized his outstanding work in presenting a symposium on soil permeability in June, 1979. He is with the Central Mine Equipment Company of St. Louis. His home address is 7632 Maryland Ave., Clayton, MO 63105. This news was forwarded by Norbert O. Schmidt, professor of civil engineering.

**Robert L. Stuart** has joined the U.S. Government Office Federal Inspection (ANGTS) as an office federal inspector-director of field operations in Fairbanks, Alaska. Bob and Sally's address is P.O. Box 154, Delta Junction, AK 99737.

**Sam C. Weaver** has been named vice president of Eagle Picher in Oak Ridge, Tenn. Sam and Carol live at 5440 Glen Cove Drive, Knottville, TN 37919.

**Tommie C. Wilson** is now manager of reservoir engineering for Texas Pacific Oil Co. Inc. He and Pat live at 6609 Elvedon, Dallas, TX 75248.

### 1965

**Paul A. and Cheryl Cook** have moved to 61 Barrett St., South Burlington, VT 05401. Paul is a staff engineer with IBM.

**Ronald K. Dillion** has accepted a position with Auto-trol Technology Corp. as product quality control manager. Ronald and Loretta's new address is 1148 Winslow Circle, Longmont, CO 80501.

Dean (emeritus) Harold Q Fuller brings us up-to-date on **Thomas K. Gaylord**. Tom has been promoted to full professor at the Georgia Institute of Technology, has been editor of the IEEE Transactions on Education for the past year, and was invited to make a presentation at Oxford University this summer. Tom and Jan's address is 3180 Verdun Drive NW, Atlanta, GA 30305.

**Jack Goodman** has moved to 1297 Aster Lane, Cupertino, CA 95060. He is a staff scientist with Science Applications Inc., Palo Alto, Calif.

**Charles K. Hanna** has been promoted to manager of planning for Mobil Chemical. Charles and Susan's new address is 27 Bay Colony Drive, Pittsford, NY 14534.

**Thomas A. Hrachich** has joined Estech Oil Co. as operations manager. Tom can be reached c/o Estech Oil Co., 7601 West 47th St., McCook, Ill. 60505.

**D. Toby Hafeli** is sales manager for Industrial Process Equipment Co. in St. Louis. Toby and Karen live at 491 Sunstone, Ballwin, MO 63011.

**Teh Y. Hu** has joined Ebasco services as a civil design engineer. The Hu's have moved to 481 Windsor Road, Riveredge, NJ 07661.

**James S. and Janet Latham** have moved to 3200 West 97th Place, Leawood, KS 66206. Jim is a project manager with Black & Veatch.



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## Alumni Personals

### 1965 (Cont.)

**Grover D. and Jaclyn Morgan** have added a new member to their family. They send the following: "Third daughter, Leah Davis, was born Feb. 2. Dave is a member of the fusion energy project at McDonnell Douglas Astronautics Co. in St. Louis. He is concentrating in the area of design and systems integration of first wall and blanket components." The family lives at 734 Muirview Drive, Ballwin, MO 63011.

**L. B. Peresztegy** has been promoted to assistant department manager for Hughes Aircraft Co. The Peresztegy's address is 1121 Steinhart Ave., Redondo Beach, CA 90278.

**Robert W. Sundermeyer** has moved to 4135 Arthur, Beaumont, TX 77706. Robert is an area supervisor with Gulf Oil.

### 1966

For anyone in the area, **Patrick and Annemarie Bennett** live at Vogelsbergstrasse 29, 6200 Wiesbaden-Delkenheim, West Germany. To reach them by mail, the address is: U.S. Army Engineer Division, Europe, EUDED-Mo (Nato), APO 09757, N.Y., NY.

**Jerrold L. and Beverly Boehmer** have moved to 1421 Major Drive, Jefferson City, MO 65101. Jerrold is an associate minister at the First United Methodist Church.

A mini reunion was held earlier this year when several physics grads were on campus to honor retiring physics professor Louis Lund. On hand for the occasion were: **Russell V. Cochran Jr.**, B.S. '58, Ph.D. '64, publisher from West Plains, MO 65775 (P.O. Box 469); - **James M. Phillips**, Ph.D. '66, 2919 Cochise Drive, Independence, MO 64057, and now a physics faculty member at UMKC; and **John C. Carstens**, Ph.D. '66, now associate professor of physics and senior research investigator, Cloud Physics, at UMR.

**Roy J. Brunson** has moved to 7 Roland Road, Berkeley Heights, NJ 07922. He is a staff engineer with Exxon Research and Engineering.

**Dennis and Vickie Chappell** have moved to Route 3, 100 Whippoorwill Drive, Monroe, LA 71201. Dennis is superintendent of quality control for the Guide Division of General Motors in Monroe.

**Matteo "Matt" A. Coco** was promoted to the position of vice president, industrial construction for J. S. Alberici Co., Inc. Matt's previous positions with Alberici include project engineer and project manager. His address is 7115 Aliceton Ave., St. Louis, MO 63123.

**Edward DeSantis** reports he "retired from the U.S. Army Corps of Engineers on June 30 after 20 years of service. He is now employed with ATEC Associates Inc. (a geotechnical consulting firm) as a senior project engineer. Ed and JoAnn live at 5329 Night Roost Court, Columbia, MD 21045.

**Forrest M. Gasik** is now manager of business planning for Analog Devices Semiconductor, Wilmington, Mass. Forrest & Cynthia's new address is 24 Woodbury St., Beverly, MA 01915.

**Jerry R. Harpole** has been promoted to project engineer with Inland Steel. Jerry and Joyce's address is 2925 Logan, Mt. Vernon, IL 62864.

**Kartini T. and Anthony Hutaaruk** send the following note: "Anthony is now working as a farmer. He was majoring in geological engineering. Son Richard, born in Inglewood, Calif., is now in 5th grade. Kartini is a junior system analyst with the Ministry of Public Works in Jakarta. Our best wishes to all our friends." The couple's new address is JL. Nimun Raya 46, Rt007/RW015. Tahah Kusir, Jakarta, Indonesia.

**Dennis W. and Helen Lankford** have moved to 7132 Dellwood N.E., Albuquerque, NM 87110. Dennis works as a thermodynamics engineer with the U.S. Civil Service.

**Michael D. Moran** was named "Top Salesman in Michigan" for Schabel Products Corp. Michael & Shelby's address is 147 Carriage Way, Ypsilanti, MI 48197. Congratulations, Mike.

**Gerald P. Morris** has joined Owens-Illinois Inc. as an area industrial engineer. Gerry and Jane's address is 3944 Maxwell Road, Toledo, Ohio 43613.



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## Alumni Personals

### 1966 (Cont.)

**James B. and Diana Peterson** have moved to 4400 Pebblestone Court, Beavercreek, OH 45432.

**J. R. "Bob" Presley** retired June 30, after 20 years of service in Corps of Engineers. He is now working for the engineering department of the City of Plano, Texas and "loving civilian life". Bob and Mary's address is 2504 Timbercreek Drive, Plano, TX 75075.

**Thomas V. Saranita** is now an application engineer with Emerson Electric. He and Mary live at 3524 Kinsland Court, St. Louis, MO 63111.

**Joseph G. Schuch** has joined Oglethorpe Power Corp. as chief communications engineer. Joe and Rose's new address is 816 Marbrook Drive SW, Lawrenceville, GA 30245.

**Jack Walts** new address is Box 26 Sumner Star Route, Broken Bow, NE 68822. He is now area engineer for the Soil Conservation Service in Broken Bow.

**Kenneth L. Whites** has been promoted to senior computer applications geologist with Phillips Petroleum Co. Ken and Kathleen's address is 6000 Martin Place, Bartlesville, OK 74003.

### 1967

**William C. Bauer** has been promoted to F-18 GSE engineering representative West Coast for McDonnell Douglas. Bill's new address is 12434 Hammack St., Los Angeles, Calif. 90066.

**James W. and Charlene Carl** have moved to 339 Floyd Drive, Lynn Haven, Fla. 32444. Jim is a Lt. Commander, Civil Engineering Corps, U.S. Navy, and is serving as a Naval Exchange Officer at the Air Force Civil Engineering Center, Tyndall AFB.

**Richard L. Burkhalter** has joined S. H. Mack Co. in St. Charles, Ill. as plant manager. Richard and Margaret's address is 1010 Johnston Drive, Aurora, IL 60506.

**Ron O. Davis** reports that "The Shuttle WILL be launched in 1981!" Ron is an aerospace engineer with NASA-Johnson Space Center in Houston. His home address is 33 Windsong Lane, Friendswood, TX 77546.

**Frank and Carolyn Ellis** have moved to R.R. 2, Box 241, Garden City, MO 64747. Frank is a project engineer with Trans World Airline, Kansas City, Mo.

**Earnest Greek** has joined E.B.G. Associates. He is president of the company. Earnest and Bobbi's address is Box 2312, Juneau, AK 99824.

**Harold and Marilyn Hughes** have moved to R. R. 2, Box 194A, Millstadt, IL 62260. Harold is vice president of Bartelbort Rhutasel & Associates Inc., Freeburg, Ill.

**Jimmie L. Kauffman** has joined Sundstrand Corp. as EDP auditor. Jimmie and Patricia's new address is 2622 So. Kokie Drive, Rockford, IL 61108.

**John F. Lauletta** checks in with the information that he has returned from living in England and has assumed the presidency of Exploration Logging, Inc., in Sacramento, Calif. John and Dianne live at 1733 Park Place, Carmichael, CA 95608.

**Daniel N. and Donna Leininger** have moved to 1630 So. 5th Ave., Sioux Falls, SD 57105. Dan is an assistant professor-pastoral care, with The North American Baptist Seminary.

**Lawrence S. Noble** has been promoted to project engineer with Anheuser-Busch. Larry and Toni's address is 3959 Hirondele Lane, Florissant, MO 63034.

**Kevin F. Oliver** has joined Arkwin Industries, Westbury, N.Y., as senior design engineer. Kevin and Virginia's new address is 10 Pocket Court, Northport, NY 11768.

**James E. Palmer** has joined Woodward-Clyde Consultants as chief, fossile fuels group. Jim and Mary live at Forest Hill, Route 4, Charleston, IL 61120.

**Thomas Merton Petry** has been selected as one of the Outstanding Young Men of America for 1980. He received his masters degree from The University of Missouri-Columbia and Ph.D. from Oklahoma University. He is a professor in the engineering division at the University of Texas-Arlington. His address is 1402 Apache St., Arlington, TX 76012.

**William R. Reynolds Jr.** has joined Southwestern Refining Co. Inc. as refinery manager. Bill and Sylvia's new address is P.O. Box 243, La Barge, WY 83123.

**Donald Scarpero** has joined Teledyne Brown Engineering as principal system analyst. Donald & Amra's address is 1201 Kennamer Drive, S.E., Huntsville, AL 35801.

### 1968

**Robert S. Ayars** has been promoted to senior systems analyst for Control Data Corp. Bob and Patty live at 237 Canada Way, Los Alamos, NM 87544.

**William T. "Tom" Bousman Jr.** writes "family up to three children (Meredith, 6; Jason, 4; and Lindsay, 3) and holding". Tom and Naomi reside at 2194 Pardoroyal, Dos Peres, MO 63131.

**M. Douglas Braden** has been promoted to project manager for DuPont. Doug and Edie's address is 10 Carriage Lane, Newark, DE 19711.

**Larry Choate** has been promoted to chief engineer with Crowley Constructors, Inc. Larry and Kathy's address is 4620 Vermont St., Long Beach, CA 90814.



## Alumni Personals

### 1968 (Cont.)

**James D. and Gloria Clark** have moved to 332 Pond Ridge Circle, Wayzata, MN 55391. Jim is an engineer with Union Electric.

**Steven E. Coates** has joined White-Rodgers Div. of Emerson Electric as a supervisory project engineer. Steve and Betty's new address is 4788 Stanhope Drive, St. Louis, MO 63128.

**David R. DeSpain** has accepted a position with Union Electric Co. as an engineer-electric and communications design. His address is 716 Union, Alton, IL 62002.

**Marvin R. Doering** has been promoted to assistant brewmaster for Anheuser-Busch. Marvin and Susan's new address is 3017 Barnhard, Apt. 210, Tampa, FL 33612.

**Clyde M. Douglass** has joined St. Luke's Methodist Hospital as director of plant operations. Clyde and Wilma's new address is P.O. Box 2355, Cedar Rapids, IA 52406.

**David L. Furst** has been promoted to group stress engineer with Martin-Marietta Corp. in Orlando. Dave and Angelyn's address is 6817 Tamarind Circle, Orlando, FL 32811.

**Joe Goedde** has joined Missouri Division of Parks and Historic Preservation as program director-development. Joe's address is 4803 Sharon Drive, Jefferson City, MO 65101.

**Donald R. Hinton** has joined Austin Construction & Development Co. as a project manager. Don and Chris' new address is 34 Sea Olive Road, Hilton Head Island, SC 29928.

**John T. Jackson** has been promoted to manager advanced train development for AMTRAK. John's address is 19395 Keymar Way, Gaithersburg, MD 20760.



#### RICHARD J. VEHIGE

**Richard J. Vehige** has been appointed assistant vice president, business customer services, for Southwestern Bell, effective July 1. He has been with the company since 1968 and has held various plant positions in Illinois, Kansas and Texas. He will be responsible for engineering, installation and repair of telecommunications equipment for business customers. He and Carol live at 404 Briarwyck, Ballwin, MO 63011.

**Willie E. McCallah, Jr.** has been promoted to assistant tank superintendent with PPG Industries. Willie and Mary's new address is 2617 Forrest Green Drive, Decatur, IL 62521.

**Thomas L. Mertens** has joined the Metropolitan Nashville Airport Authority as a special projects manager. Tom and Kimberly's new address is 5115 Victoria Cove, Brentwood, TN 37027.

This July, **David E. Rosenbaum** accepted employment as a senior engineer with Booz, Allen and Hamilton in their newly opened Memphis field office. David and Sandy live at 7928 Cloverbrook Lane, Germantown, TN 38138.

**Martin R. Rvengert** has joined AVRADCOM as an electronic engineer. Martin and Marilyn's new address is 939 Summer Leaf Drive, St. Charles, MO 63301.

**David B. and Rita Wristen** have moved to 3500 West 97th Place, Leawood, KS 66206. David is a stockbroker with E. F. Hutton & Co., Kansas City, Mo.

### 1969

**Laddie A. and Diana L. Basa** and daughter Julie Anna, 6, live at 2136 Aquinas Ave., Claremont, CA 91711. He is a design engineer with Andrew California Corp.

**Robert A. Bruckner** has been promoted to chief of the bridge section, structural engineering department of Booker Associates Inc. His address is 7933 Kingwood, St. Louis, MO 63123.

**Richard P. Bergsieker** has joined the El Paso Company as manager, corporate planning. Richard and Christine's new address is 3715 Arnold, Houston, TX 77005.

The following has been received from **Eugene H. Burrows**, general manager, Tuscaloosa Division, of Tamko Asphalt Products Inc.: "Was recently presented the top safety award from the Asphalt Roofing Manufacturers Association for the best plant safety record in the industry. Also—construction of a fiberglass mat plant was completed in 1979 at Tuscaloosa and is now in production. Gene, his wife Joyce and their three sons reside at No. 12, Springhill Lake, Tuscaloosa, AL 35405."

**Stephen J. and Joan Coulter** have moved to R. R. 12, Box 373, Columbus, IN 47201. Steve is owner of Coulter Express in Columbus.

**John A. and Marilyn Ebeling** write "the Ebeling family increased to four members with the birth of Katherine Elizabeth on July 16. She joins her big brother Matthew, who is 3 years old. Mom and Dad are quickly adjusting to shorter nights." The family's address is 21999 Bedford Drive, Northville, MI 48167.

## Alum

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## Alumni Personals

### 1969 (Cont.)

**Charles W. Foster** has joined Colorado School of Mines as assistant PMS. Charlie and Londa Kay's new address is 13570 W. Dakota Place, Lakewood, CO 80228.

**David A. Gluntz** and Lynn have moved to 4 Briarwood Manor, Warrenton, MO 63383. He is plant manager, Farm Implement Division for Brinkley Co.

**Anthony Ralph A. Handler** has been promoted to head, sanitary engineering department, for Internacional De Engenharia, S.A. Anthony and Yvonne's address is Rua Sao Benedito 627, Apt. 51, Sao Paulo, SP, Brazil 04735.

**George W. Hughes** has joined ALASCOM Inc. as manager radio & multiplex engineering. George and Nancy's new address is SRA 2071H, Anchorage, AK 99507.

**William C. K. Kan** has joined Picker Corp. as CT product physicist. Bill and Claudia's new address is 5748 Highland Road, Highland Heights, Ohio 44143.

**Glenn M. Kmezc** reports: "Married to Pamela on May 10 and transferred to new assignment in Richmond as area maintenance supervisor at DuPont's Spruance Plant." The couple's address is 1464 Brownleaf Drive, Richmond, VA 23225.

**Larry J. and Carole Oliver** announce the birth of their son, Jeff, on April 27. "Jeff is our first child, and we are enjoying the experience greatly." The Oliver's live at 1536 Pheasant Ridge, Ellisville, MO 63011.

**Lonnie D. Schmidt** has been promoted to section manager in distributed graphics development in the CAD/CAM department at McDonnell Automation Co. He and Nancy live at 11882 Shallowbrook Drive, Creve Coeur, MO 63141.

**Larry J. Schurbusch** has been appointed manager of operations services at Laclede Steel Company's steelworks in Alton, Ill. Larry, Beverly, and their two children live at 12248 Winrock Drive, St. Louis, MO 63141.

**Jerrold L. Johnson** has joined Magnavox Consumer Electric Co. as a senior electrical engineer. Jerrold and Florence's new address is Route 1, Box 103E, New Market, TN 37820.

A note from **Greg and Diane Schatz** reports: "We have a new son, Gary, born on April 29. He joins the rest of the crew—Jenny, 9, Greg Jr., 6, and Wendy, 5. I received a master of business administration degree (MBA) from New York Institute of Technology in June." Greg is a project engineer with the New York State Department of Transportation. The family's address is 30 Neptune Ave., E. Patchogue, N.Y. 11772.

"**Cliff and Patty Steed** are pleased to announce the birth of their first child, Ryan Michael, on May 19, in Dhahran, Saudi Arabia." Cliff is an engineer with Aramco. The family's mailing address is P.O. Box 8072, Dhahran, Saudi Arabia.

**Terry L. Tolliver** is now an engineering specialist with Monsanto. Terry and Valerie's new address is 5 Wedgewood Lane, St. Louis, MO 63141.

**Robert and Sharon Vasquez** have moved to 601 East 38th, Austin, TX 78705. Robert is a student at the University of Texas (School of Law).



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**Gerald W. Vaughan** has accepted a position with Internorth as supervisor purchasing. Gerald and Maureen's address is 16311 Southampton, Spring, TX 77373.

**Kenneth B. Wise** has been promoted to advisory product manager with IBM. Ken and Katherine's new address is 1105 Folwell Drive S.W., Rochester, MN 55901.

**James D. Woessner** has been promoted to performance appraisal inspection specialist for the U.S. Nuclear Regulatory Commission. Jim and Jennifer's address is 643 Abrigo Court, San Ramon, CA 94583.

**David H. Zimmerman** has joined Union Electric as a construction engineer. David and Sandra's new address is 1704 Payne Drive, Jefferson City, MO 65101.

### 1970

**Captain Duncan B. Baldwin** has received the Air Force Commendation Medal for distinguished service as an electronic officer instructor. Duncan and his wife, Katherine, are presently on an overseas assignment but may be reached by writing to 2445 Berrywood, Rancho Cordova, CA 95670.

**Russell D. Barnes** has joined The Princeton Co. as senior development engineer. Russ and Georgia's new address is 203 Oakfern Drive, Simpsonville, SC 29681.

**Richard A. Bausell** recently assumed the position of safety services manager for Cities Service Co. in Tulsa, Okla. He and Elaine live at 3965 Lakeside Drive, Sapulpa, OK 74066.

A note from **Martin G. Bowin** says: "We've just moved to Houston where I've been assigned as engineering design representative for Chevron Oil Co., working on a large refinery expansion project. We're up to four children and holding." Martin and Penny now live at 8306 Leafy Lane, Houston, TX 77055.



## Alumni Personals

### 1970 (Cont.)

**David A. Butterfield** reports that he is second officer for Pacific Southwest Airlines and he is also active with the Naval Air Reserves at NAS Miramar in San Diego. Dave and Geri have moved to 1309 Bellevue Ave., Cardiff, CA 92007.

**Timothy P. Corbett** has accepted a new job in the Quality Assurance Directorate of Defense Contracts Administration Services Region (DCASR), St. Louis. He and Sally live at 79 Fortune, St. Louis, MO 63122.

**Donald L. and Diane Cordes** have moved to 11295 Barranca Road, Camarillo, CA 93010. Don is a project engineer with Hughes Aircraft.

**Anthony F. DeJohn** has a new title—director operations, for Wisconsin Barge Line Inc., St. Louis. Tony and Jody live at 1957 Ridge Lake Drive, Chesterfield, MO 63017.

**James A. Ford** says: "received MBA degree from University of Tennessee in December. Started in a new position in April (principal marketing coordinator) with Procon Inc., an international engineering and construction firm." Jim and Jeanette live at 214 Wimbolton Drive, Mt. Prospect, IL 60056.

**John P. Harmon** is a Captain and Programs Officer with the U.S. Air Force Technical Applications Center at Patrick AFB. John and Nancy's new address is 1903 Ontario Circle, Melbourne, FL 32935.

**Michael Harris** has been transferred within the Tennessee Valley Authority to Yellow Creek Nuclear Plant, under construction just north of Iuka, Miss. Mike is the materials engineer at the site. As well as a new job, Mike and Sherry have a new home—Route 2, Quail Call Road, No. 50, Corinth, MS 38834—and a new addition to the family—Matthew, born July 14. Mike and Sherry "would like to invite any Rolla alumnus who is ever in the area to stop and see them."

**Jon M. and Ramona Haeffner** have moved to 885 Forest Village Drive, Ballwin, MO 63011. Jon is a systems equipment engineer with Western Electric.

**Dexter W. Hawk** has joined American Refining Co. as vice president of marketing. Dexter and Barbara's address is 1885 Stage Court, Allison Park, PA 15101.

**Stephen M. Lehmann** has joined Rangaire Corp. as a product engineer-freezers. Steve and Denise's new address is 314 Meadow View Drive, Cleburne, TX 76031.

**Dr. Larry W. Mays**, '70, '71, has been named an assistant professor of civil engineering at the University of Texas in Austin. His address is 4111 Columbine Drive, Austin, TX 78759.

**John L. Mundwiller** is now a consultant with McDonnell Douglas Automation Co. John and Gloria's address is 9920 Berwick Drive, St. Louis, MO 63123.

**Russ Nekorchuk** has joined Financial Data Systems/Citicorp as product manager. Russ and Darla's address is 6201 Franks Road, House Springs, MO 63051.

**Curtis and Karen Nolte** have moved to 6181 Sandshores Drive, Troy, MI 48098. Curt is a product line engineer with GMT&C in Pontiac.

**George N. Parker** has joined Raritan River Steel as manager, process control. George's new address is Deer Trail, Clarksburg, NJ 08510.

A note from **Greg Praznik** reports that he is district manager of the Lake Charles Cased Hole District for Schlumberger Well Services. "I have been here for one year and love everything here," he says. Greg's address is Route 11, Box 827, Lake Charles, LA 70601.

**Wayne L. Quayle** has joined Badger America Inc. as a senior electrical engineer. Wayne and Kathleen reside at 6603 Chancellor Drive, Spring, TX 77373.

**Robert (Larry) Reed** has accepted a position with National Data Corp. as product manager, bank reporting services. Larry and Vicki's new address is 862 Angevine Court, Lilburn, GA 30247.

**Michael J. Rooney** is now supervisor of a project design group for Panhandle Eastern Pipe Line. He and Ruth Ann live at 841 NW 69th Place, Kansas City, MO 64118.

**Lenard H. and Frances Ross** have moved to 8 Flamingo Drive, Hazelwood, MO 63042. Lenard reports: "I have finished 2 years in Saudi Arabia. Returning to home in Hazelwood. I will continue working for Corps of Engineers on the Lock & Dam No. 26 at Alton".

**Stephen C. Ross** is studying for his master's degree at the Naval Postgraduate School, SMC 2146, Monterey, CA 93940.

**Bernard W. Sandner** has been promoted to maintenance manager for Northern Petco Chemical. Bernard, Virginia, and three children reside at 3635 North Dixon, Morris, IL 60450.

**John L. & Carol Schwager** have moved to 305 Liveoak Drive, Natchez, MS 39120. John is a petroleum engineer with Callon Petroleum Co.

**Carl O. Schwanke** has been promoted to staff engineer with Exxon Research & Engineering. Carl and Leslie's new address is 496 Mt. Hope Road, Wharton, NJ 07885.

**Robert E. and Alice Smith** have moved to 2120 Sherwood Drive, Grand Island, NE 68801. Bob is a resident engineer with Lutz, Daily & Brain Consulting Engineers.

**William and Diana Sterett** proudly announce the birth of their son Gregory Sterett. Bill and Diana have two other children, Michelle, 6 years, and Ryan, 3, years. The Sterett's live at 1100 SW 126th Place, Miami, FL 33184.

**James E. Stewart** is now an engineer with Fruin-Colnon Contracting Co. Jim and Sally's new address is 4283 Vanguard, Lompoc, CA 93438.



## Alumni Personals

### 1970 (Cont.)

**Greg Thomas** assumed new duties on June 2, as director of Marion County Family Services. Greg & Hilarie's new address is 20½ Fairway Drive, Hannibal, MO 63401.

**LTC Earl A. Thompson** has been assigned to the Department of the Army's office of the deputy chief of staff for logistics in the Pentagon. He will be working in the U.S. Army energy office. He and his wife have moved to 8431 Willow Forge Road, Springfield, VA 22152.

**Dale A. Tiemann** has joined Industrial Insulators Inc. as a project manager. Dale and Laurie's address is 240 Telstar Drive, Bismarck, ND 58501.

**Howard "Jim" Walk** has been promoted to manager engineering for Reed Tool Co. Jim and Kathy's address is 25227 Lynbriar, Spring, TX 77373.

**Richard K. and Suzanne Williams** report "Natalie, age 5½, will start kindergarten in the fall. Justin turned 2 in April." The Williams' address is 710 Hummingbird Court, Lafayette, IN 47905. Richard is production superintendent—Lafayette, for A. E. Staley Mfg. Co.

### 1971

**A. Ismail Abdel-Latif** has joined General Electric Co. Valley Forge Space Division as a supervisor in the materials application section. His address is G.E. Co.-VF Space Div. Room U-4212, P.O. Box 8555, Philadelphia, PA 19101.

**William A. Anderson** has been promoted to mine superintendent with Sheridan Enterprises Inc. Bill and Judith's address is 4193 South Valentia St., Denver, CO 80237.

**Robert Bentzinger** has moved to 907 Thunderhead Drive, St. Louis, MO 63138. He is an engineering specialist with Emerson Electric.

**Russell C. Borries Jr.** is now a metallurgical engineer with Reynolds Metals Co. in Phoenix, Ariz. He and Dorothy have moved to 17224 N. Wimbledon Court, Glendale, AZ 85308.

**John G. Cizek** has been promoted to assistant corporate manager of safety for Diamond Shamrock Corp. in Dallas. John and Carolyn's address is 3505 Piedmont, Plano, Texas 75075.

**Gary W. Creason** has joined Burns & McDonnell Consulting Engineers as a project civil engineer. Gary and Janet's address is 2308 N.E. 73rd St., Gladstone, MO 64118.

**Thomas G. and Cynthia Durham** have moved to 952 West 77th St. N. Drive, Indianapolis, IN 46260. Tom has been promoted to manager, environmental engineering, for AMAX Coal Co.

**Captain Gordon L. Erickson** "arrived in Aschaffenburg, West Germany in June." He is the S-4 (logistics officer) for the 4/64 armor battalion. His mailing address is HHC 4/64 Armor BN, APO New York, 09162.

**Carl H. Gehring** is a Lt. Col. in the U.S. Army stationed at Fort Bliss, Texas. Carl and Darlyne's new address is 10752 Janway Drive, El Paso, TX 79935.

**Lee A. Gladish** has been named assistant superintendent, electrical operations, for City Water, Light, and Power in Springfield, Ill. He and Marjorie live at 2725 Queensway Road, Springfield, IL 62703.

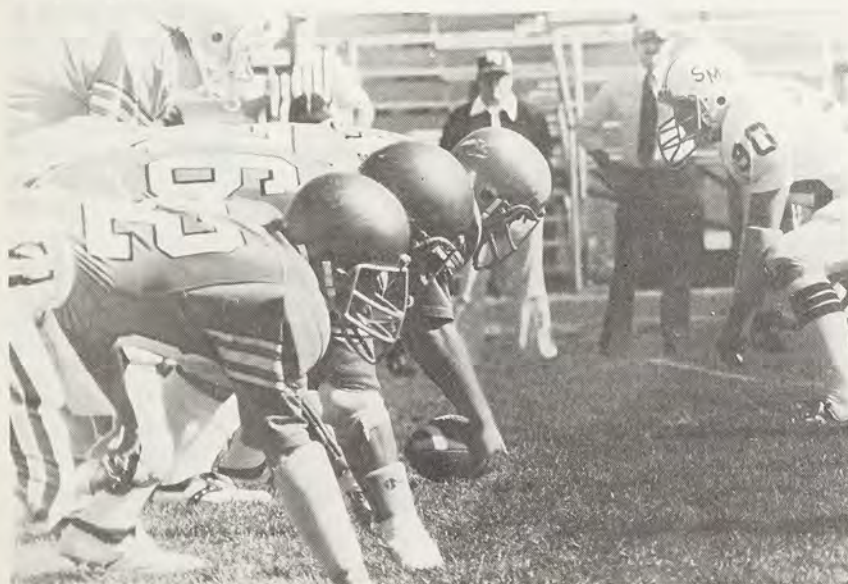
**Terry L. Grieve** has joined Gould-Brown Boveri as an electrical sales engineer. Terry and Catherine's new address is 4697 Canyon Oaks, Brighton, MI 48116.

**George Michael Johns** has joined Smeeth Harwood in Chicago, Ill., as assistant manager. George and Barbara's address is 1912 Lawson Road, Schaumburg, IL 60194.

**Jack and Kristen Jolly** have moved to 429 Shelle Road, Manhattan, KS 66502. Jack is director of client services for Associated Engineers Inc., of Junction City, Kan.

**Norman V. Kraus** has been promoted to regional sales manager for ITT Blackburn Co. Norman's new address is 8885 Santa Bella, St. Louis, MO 63042.

**Rex L. and Linda Medlock** have moved to 2201 Eastwood, Kennett, MO 63857. Rex is plant engineer with Uniroyal in Kennett.



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## Alumni Personals

### 1971 (Cont.)

**William J. Murphy** is now the principal of Scared Heart School in Brawley, Calif. Bill and Judy's address is 640 So. Imperial, Brawley, CA 92227.

**Lee Roy and Janet Rae Nichols** have moved to 405 Potosi St., Farmington, MO 63640. He is a teacher in the Farmington R-VII School system.

**Robert F. and Jane Peatross** have a new member in their family, Michael Paul, born June 18. "Mother, Jane, and brother, Robby, are doing fine." The Peatross' address is 4136 Medoc Drive, Kenner, LA 70062.

**Ronald C. Pagan** has joined Sverdrup, Parcel & Associates as a structural engineer. Ron and Joanne's address is 9300 Ewers, St. Louis, MO 63126.

**Ronald R. and Judy Primmer's** new mailing address is HQ 130th Eng. BDE, APO New York, NY 09165. Ron is a Lt. Colonel, deputy brigade commander, with the U.S. Army.

**David N. Richardson** is now a graduate assistant at UMR. Dave and Marilyn's new address is 1811 Forum, Apt. 30, Rolla, MO 65401.

**Arthur W. and Norma Riddle** now reside at Route 3, Box 308 MCAAP, McAlester, OK 74501. He is a security officer with the U.S. Army Amunition Plant in McAlester.

**Col. Edward C. Robinson** is now with the office of the Secretary of Defense—USDRE, in the Pentagon in Washington, D.C. He and Patricia are living at 7603 Hayfield Road, Alexandria, VA 22310.

**Jerry T. Sewell** has joined the firm of Deutsch, Kerrigan & Stiles as an attorney. Jerry and Georgia's address is 910 Nashville Ave., New Orleans, LA 70115.

**Gregory P. Smith** has joined Tenneco Oil Co. as a senior exploration geophysicist. Greg and Cynthia's new address is 104 Shipley Drive, Lafayette, LA 70503.

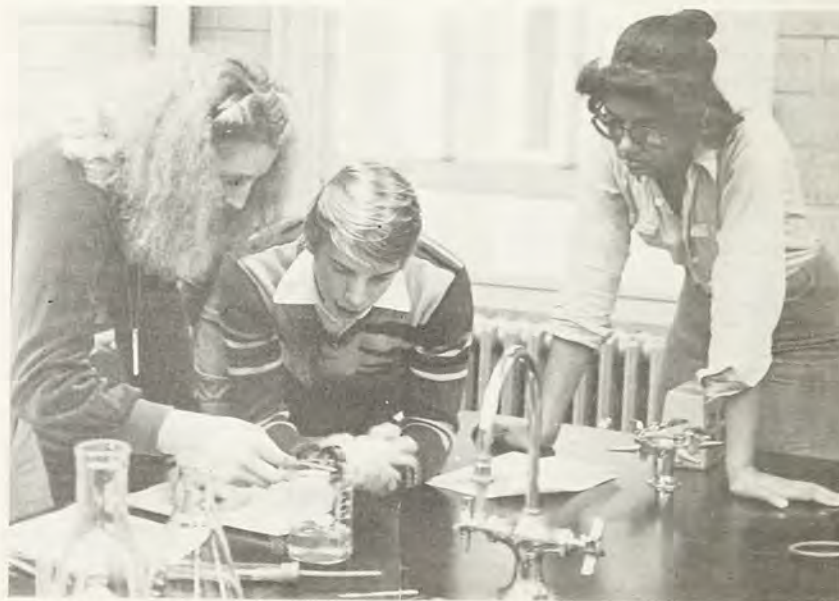
**L. Darrell Thompson** received the Missouri Society of Professional Engineers' "Young Engineer of the Year" award for 1980. Darrell and Brenda live at 1926 E. 24th, Joplin, MO 64801, with sons Matthew, 4, and Kevin, 1. He is district highway design engineer with the Missouri Highway and Transportation Department.

**Terry N. Toula** is now operations research analyst for Texaco Inc., White Plains, N.Y. He and Lynn live at 3 Roberts Drive, Bethel, CT 06801.

**Fred VonKaenel** was promoted to mine manager for AMAX Coal Co. Eagle Butte Mine. Fred and Karen's address is 8001 Chuckar, Gillette, WY 82716.

**Liezern Wang** has joined Public Service Electric & Gas of Newark, N.J. as senior design engineer. Liezern & Melody's address is 30 Roxy Ave., Edison, NJ 08817.

**Roger L. and Darlene Yancey** have a new member in their family, Warren Robert, born March 10. The Yancey's address is 642 Gilbertsville Road, Gilbertsville, PA 19525. Roger is a senior field engineer with Bechtel Power.



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### 1972

**Michael P. Allen** was promoted to lead engineer with McDonnell Aircraft Co. in December. He says he is "now active in college recruiting on campus (at UMR) and with summer intern program, both for MDC. I am developing a 'customized' CAD/CAM system for my group." Michael and Donna's address is 6533 Tholozan, St. Louis, MO 63109.

**John Roger & Susan Anderson** are happily awaiting their fourth child which is eagerly anticipated by their other children, Seth, Jean and Jacob. Roger is a manager in the operations department at Ralston Purina. The Anderson's address is 5218 Miami Street, St. Louis, MO 63139.

**Lt. Col. Melvin A. Butts** assumed command of the 802 Engineer Battalion at Pyong Taek Korea on July 15. Mel was an instructor of operations research & management at West Point Military Academy. Mel and LuJuana's address is HHC 802 Engineer Battalion (Cbt) (Hvy), APO San Francisco 96271



## Alumni Personals



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### 1972 (Cont.)

**Ernie C. and Barbara Bartoli** have moved to R. R. 1, Arlington, IL 61312. Ernie is a farmer and a geotechnical consultant.

**Norma J. Curby** has been promoted to supervisor structural design with Monsanto. Norma and Raymond live at 12165 Royal Valley Drive, Creve Coeur, MO 63141.

**Gary and Beverly DeClue** have moved to 4808 Oakbrier, St. Louis, MO 63128. Gary is a chemist with Petrolite Corp., Tretolite Division.

**A note from Nancey R. Drissel**, director of public relations for Smith's Secretarial and Office Supply Co., says: "Just added 2,000 additional square feet to business (commercial printing and retail office supplies), and more personnel. Am interested in contacting former Shamrock Club members in hopes of starting an alumni group. Write to me at 8553 Holmes, Apt. 69, Kansas City, MO 64131.

**Dennis D. Fiebelman** has been promoted to project engineer with Ozark Lead Co. Dennis and Donna's address is Salem Route, Box 20A, Boss, MO 65440.

**T. Michael Flanders** recently received his Ph.D. degree in nuclear chemistry from the University of Arkansas. His address is 335 Holly, Fayetteville, AR 72701.

**L. Wayne Garrett** has been promoted to manufacturing engineering manager for Chrysler Corp. Wayne received his M.B.A. from the University of Detroit. His address is 1924 South Byrne, Toledo, OH 43614.

**Paul C. Garrigan** has been promoted to research supervisor with the Institute of Gas Technology. Paul and Sarah's new address is 1024 Walden Court, Bolingbrook, IL 60439.

**Linus H. Hellrich** has moved to 108 Seville, Apt. 99, Columbia, MO 65201. He is an estimator with U.S. Enviro-Con Inc.

**John C. Hoelscher** has joined Amdahl Corp. as a regional systems engineer and is responsible for technical sales support in both hardware and software. John and Debbie Ann have three daughters: Angela Dawn, 8, Nichole Denise, 5, and Cheryl Renee, 1. The family lives at 12 Glenna Drive, St. Peters, MO 63376.

**Charles N. Hunsel** has been named district superintendent for Missouri Power & Light Co. in Moberly. Chuck and Joyce reside at 329 Fulton Ave., Moberly, MO 65270.

**Donald K. Jensen** has been promoted to associate civil engineer with the City of Buena Park, department of engineering services. Don and Vickie's address is 4725 La Madera, El Monte, CA 91732.

**Alan W. Jones** has joined GSC/Six Flags Inc. as corporate manager of engineering. "Happy to announce our move back to St. Louis and my new position. I wish to extend an open invitation to all old friends and classmates to see me at the greatest amusement park in the world or just call and say Hi!...1-800-392-3727 or 325-3187." Alan and Kathy live at 160 Highgrove Court, Chesterfield, MO 63017.

**John P. and Linda Kuspa's** mailing address has changed to Headquarters, USAREUR, Box 14, APO New York 09403. John is a major, staff officer, with the U.S. Army in Heidelberg, Germany.

**Ralph A. Lewis** writes "I will receive my MPA—Master's in Public Administration—from UMKC in December. Ralph and Chris' address is 4905 W. 69th St., Prairie Village, KS 66208.

**Jim Lyon**, received his M.S. in May. He has joined Pet, Inc. as a senior programmer/analyst. Jim's new address is 6980 Middle Valley Walk, St. Louis, MO 63123.

**Charles C. Moore, Jr.** has joined CF Braun & Co. as a senior process engineer. His new address is 202 So. Del Mar, Apt. H, San Gabriel, CA 91776.

**Frederick E. and Barbara Nelson** now have two children...Frederick Edwin II, born Dec. 31, 1976, and Amanda Michelle, born Aug. 8, 1979. The family lives at 11931 Spruce Haven Court, Creve Coeur, MO 63141. Fred is security officer-dispatcher for St. John's Mercy Medical Center in Creve Coeur.

**Michael A. North** was married to Jill Patricia Stevens of Florissant on June 21. The couple lives at 130 Pompano Lane, Florissant, MO 63031. Mike is a project engineer with Booker Associates Inc., St. Louis.

**Perry Pattiz** reports that he has joined Sunline Brands, St. Louis, as a project engineer. Perry lives at 12832 Wenlock, St. Louis, MO 63141.

**Darold Lee Phillips** has been promoted to chief design & construction engineer for Sho-Me Power Corp. Darold and Helen's new address is Route 4, Box 282 L, Marshfield, MO 65706.

**Ricky M. Rule** is a plant engineer with Koppers Company, Green Springs, W. Va. Ricky & Karen's address is Box 108, Springfield, WV 26763.



## Alumni Personals

### 1972 (Cont.)

**Thomas E. Scheibel** has moved to 327 Day Drive, Baker, LA 70716. Tom is a senior construction engineer with Stone & Webster Engineering Corp.

**Mark A. Sicking** is now a senior engineer with Monsanto. Teresa and Mark live at 12267 Spring Shadow Court, Maryland Heights, MO 63043.

**Donald H. Taylor** has joined Davis Oil Co. as a senior petroleum engineer. Don's new address is 3367 S. Monaco St., Apt. C, Denver, CO 80222.

**Philip G. Taylor** has joined Parke-Davis as group supervisor, sterile manufacturing. Phil and Lorena live at 27 Main St., Flanders, NJ 07836.

**John Tenfelder** reports that he "was ordained a minister in the Universal Life Church on April 23. Was promoted to drilling superintendent with the Southern California Gas Co. on May 1. I invite all acquaintances to stop in California and go sailing on the church yacht." John and Marsha live at 11642 Vikino Ave., Northridge, CA 91326.

**Randall O. Thomure** has joined Itel, Rail Div. as manager, railcar maintenance. Randy and Lynne's new address is 100 Galisteo Court, San Ramon, CA 94583.

**John Marvin Underwood** has joined Paul Mueller Co. as a heat transfer sales engineer. John and Linda's new address is Route 1, Box 42, Ashgrove, MO 65604.

**Capt. James C. Weber** died Aug. 14. He was an instruction weapons systems officer with the U.S. Air Force and had been stationed for the past nine months at Mountain Home Air Force Base, Idaho.

**Roy B. Woods III** is now a project manager for Bean Dredging, a New Orleans firm. Roy and Margaret Diane live at 7457 Branchwood, Mobile, AL 36609.

**Martin L. Weekley Jr.** has been promoted to assistant chief, distribution division, for Kansas City, Missouri, Water Department. Martin's new address is 1401 N.E. Vivion Road, Apt. 25, Kansas City, MO 64118.

### 1973

**V. Michael Alverson** is now plant project superintendent for Northern Indiana Public Service Co. He and Elise live at 129 Orchard St., Michigan City, IN 46360.

**Gregory T. Anderson** has been promoted to national fire protection product manager with W. R. Grace & Co., Cambridge, Mass. Greg and Ruth's address is 2 Silver Birch Lane, Littleton, MA 01460.

**Anthony J. Artman** has joined Union Electric as an engineer. Tony and Rene's new address is 2214 Guebert, Fenton, MO 63026.

**Vijay K. Bedi** has moved to 765 Bazaar Exchange, Billings, MT 59101. Vijay is a project engineer with Northern Testing Labs.

**Lyndell R. Brown** has joined Hughes Aircraft as a project engineer. He and Darla now live at 17920 Nearbrook St., Canyon Country, CA 91351.

**Steven D. Bryant** is now supervisor of carburetor research and development for Carter Carburetor Division of Ace Industries. Steve and Wanda live at 720 Nimbus Court, Fenton, MO 63026.

**David P. Capelle** reports: "We have been living in Trinidad for 19 months now. Our son, Christopher, 3, will be joined by a brother or sister in February, 1981." David is chief field engineer for Pullman Kellogg of Houston. The family may be reached by writing % Kellogg Pan American Corp., Point Lisas Ind. Estate, Couva, Trinidad, W.I.

**J. J. Chang** is "in the process of moving to Tampa. Our temporary mailing address is P.O. Box 22800, Tampa, Fla. 33622". Joe is a senior project engineer with Critikon Inc.—Johnson & Johnson.

**Phillip S. Fetterman** has joined Exxon Engineering. His new address is 35 Cross Road, Morris Plains, NJ 07950.

**Karen A. (Schnelle) Florup** has joined Texas Instruments in Dallas. Karen and Norman's new address is 2813 Prescott Drive, Carrollton, TX 75006.

The following is a note from **James A. ('73) and Paula (Polette, '74) Franklin**: "Adam Paul joined the family of Franklins at his birth on April 24. Jim is now self-employed and enjoying it very much. Paula keeps busy with the new business and the two boys and is working towards an in-home micro-computer soon." The Franklins live at 1335 Northfield, Mineral Ridge, OH 44440.

**Arthur Kunkel III** and Carol have moved to 553 Dogwood Drive, Kingsport, TN 37663. Art is controls manager with Daniel Construction Co. of Greenville, S.C.

**Kathy Lambert** sends: "News Flash! Kathy is one of two SYEP Counselors for East Pasco County—Manpower Division—under Title IV; supervisor Ralph Reyes, director of youth programs." She lives at 1001 W. Howard Ave., Dade City, FL 33525.

**David T. McClure** has accepted a position with A. R. Eastman as a chemical engineer—technical staff. Dave and Cheryl's new address is 365 College Heights Drive, Batesville, AR 72501.

**William E. and Sue Mische** have moved to 13621 Belmead, Grandview, MO 64030. Bill is a mechanical engineer with Burns & McDonnell.

**Robert E. Neuwirth** is clinic director at the Neuwirth Chiropractic Center. Bob and Ginger's new address is 6400 Independence, Plano, TX 75023.



## Alumni Personals

### 1973 (Cont.)

**Thomas K. and Janice Mills** have moved to 303 Seabreeze Court, League City, TX 77573. Tom writes "have finally seen the light and joined the rest of the gang down here in the sun/hurricane belt. My new assignment meant a new house. The new house came with a map of evacuation routes. Having a great time." Tom was promoted to engineering specialist-process, with Monsanto.

**Gary and Barb Pariani** have recently moved to Houston, Texas, where Gary is employed by Amoco Production Co. as a project engineer in an enhanced oil recovery group. Their new address is 5415 Clift Haven, Houston, TX 77091.

A note from Joan Preston informs us of the death of her husband, **Abraham D. Preston**, on Aug. 8, 1979. He received his M.S. degree in engineering management and at the time of his death was personnel manager of Monsanto Co., according to alumni records.

It has already been a big year for **Steve Tattitch**. He says: "I got promoted to project manager (for Brooks Erection and Construction Co.), I bought a house this spring in Affton, and I got married to Kaci in June." The couple's address is 6404 Heege, St. Louis, MO 63123.

**Allan "Rook" Reed**, president and owner of Evergreen Gardens Inc., says: "have just completed plans for the 60 percent expansion of Evergreen Gardens, which was opened three and a half years ago. Plans are also in the making for the opening of two additional centers." Allan lives at 3400 Custer, No. 1027, Plano, TX 75023.

**Thomas A. York** has been promoted to major in the U.S. Army. He and Ann live at 6 Hancock, Ft. Leavenworth, KS 66027.

### 1974

**Ruth L. Anderson** has a new position and title—"mother-to-be". Ruth and Gregory's address is 2 Silver Birch Lane, Littleton, MA 01460.

**Raymond A. Barbeau** has been assigned as an instructor at the USA Command General Staff College. Ray's new address is 112 Brookridge, Lansing, KS 66043.

**Scott S. Boyd** has joined Gartland Foundry as a metallurgist. Scott and Alice's address is 4951 Dixie Bee, No. 60, Terre Haute, IN 47802.

**John R. Campbell** has been promoted to engineering specialist with Conoco, Inc. John and Sharon's new address is 511 North Third, Ponca City, OK 74601.

**Ellen Cherry** was married on Feb. 23 to John Bohn. Both are staff managers for Southwestern Bell in St. Louis. Their home address is 4775 Groveton Way, St. Louis, MO 63128.

**Stan Cooper** has been named vice president, corporate data processing, for NAVCO Corp., St. Louis. Stan and Frances live at 15521 Chequer Drive, Chesterfield, MO 63017.

**J. Calvin and Michele Curdt** report the birth of a son, Nicholas Christopher, on Jan. 15. Calvin is director of data processing for the Federal Land Bank in St. Louis. The family lives at 2743 Irondale Drive, St. Louis, MO 63129.

**Elmer L. and Susan Doty** are the proud parents of a daughter, Diana Lerae, born December 21, 1979. The Doty's address is 2704 Glenwood, Jonesboro, AR 72401.

**John P. Dowdy** has been promoted to regional specialist with Systems Engineering Laboratories Inc. John and Judy's new address is 329 Bristlecone Court, St. Charles, MO 63301.

**David Dunavant** received his Ph.D. in civil engineering from Washington University in St. Louis. He received his master's degree from Purdue University in 1975. David has accepted a position with ACF Industries Inc., Amcar Div., in St. Charles. David and Brenda live at 310 S. Hanley Road, Clayton, MO 63105.

**Steve J. Dupont** has been promoted to systems supervisor for the Burroughs Corp. Steven's address is 1611 Meadowview Lane, Mont Clare, PA 19453.

**Brian J. and Carolyn Gilbert** have moved to 1426 Meandering Way, Garland, TX 75040. Brian is a loss prevention consultant for Factory Mutual Engineering, Dallas.



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## Alumni Personals

### 1974 (Cont.)

**Charles R. Green** has moved to 2348 Sarthe Court, Maryland Heights, MO 63043. He is a project engineer with Procter & Gamble.

**Donald E. Hall** reports: "Don and Debbie had a new daughter named Rebecca Ann on Dec. 12, 1979. In May Don received his MBA degree from the University of Arkansas-Fayetteville." The Hall family lives at 3712 Hendricks Court, Ft. Smith, AR 72903.

**James D. Hauser** has been promoted to regional sales manager for Facet Enterprise, Industrial Division. Jim and Linda's address is 7420 E. 47th St., Apt. 7, Tulsa, OK 74145.

**Robert L. Hildebrandt** has joined Yuba Heat Transfer Corp. as a metallurgist. Bob's new address is 3020 S. 101 E. Ave., No. 6J, Tulsa, OK 74129.

**Richard Kosman** is an airport engineer with Tulsa International Airport. Richard and Beverly's address is 3932 East 32nd Place, Tulsa, OK 74135.

**Steven W. and Kelly Losie** have moved. Their new address is 2592 Winding Lane, Atlanta, GA 30319. Steven is an office engineer with J. A. Jones Construction Co.

**Matt and Susan Mengel** have moved to 1010 Kelly Circle, Shelby, NC 28150. Matt is a project engineer with Fiber Industries.

**Janet Miller** has moved to 1251 Eighth St., Monterey, CA 93940. Janet is a lieutenant in the U.S. Navy.

**Randy E. Porter** is the E & I supervisor at Monsanto's Muscatine plant. Randy and Judy's address is R.R. 6, Box 540T, Muscatine, IA 52761.

**David A. Rice** sends the following report: "I was promoted from senior petroleum engineer to staff petroleum engineer in April. I'm now working as an operations engineering section leader in Amoco Production Co.'s Tyler District Office. David and Lynn, '74, live at 7500 Hollyoak Drive, Tyler, TX 75703.

**Randy J. Rodems** is now a specialist facilities engineer for Boeing Engineering and Construction Engineers. He and Lyn live at 123 South Alabama Road, Oak Ridge, TN 37830.

**James C. Romine** has joined E.I. DuPont as a research chemist. Jim's new address is 7713 C Bannock Barn Drive, Richmond, VA 23225.

**Thomas P. and Marianne Roth** have moved to 7400 Dragonfly Court, Austin, TX 78744. Tom is a geologist with the Department of Water Resources in Austin.

**Thomas W. and Bonita Sanders** have moved to 2919 Misty Circle, St. Louis, MO 63129. Tom is a senior electrical and instrument engineer with Monsanto Co.

**Mark S. Schankman** was promoted to technology engineer for McDonnell Douglas. Mark and Marsha reside at 12163 McKelvey Rd., Maryland Heights, MO 63043.

**Thomas W. Schroeder** has joined PetroLewis Corp. as a staff petroleum engineer. Tom and Linda's new address is 8120 W. Fremont Ave., Littleton, CO 80123.

**Steven L. Sewell** has been promoted to district manager for Cities Services Co. Steve and Linda's new address is 1506 Waterford, Columbia, MO 65201.

A note from **Steve W. Souders** says: "We were transferred back to Amoco's headquarters in Chicago in April and have resettled in Naperville, a western suburb. New position (production operations supervisor) is concerned with Amoco's total North American oil and gas operations, planning, and budgeting." Steve and Laura's new address is 817 Zaininger, Naperville, IL 60540.

**David L. Talbott** is a major with the Corps of Engineers, U.S. Army. He and Elizabeth now live at 25 Dickman, Ft. Leavenworth, KS 66027.

**Melissa R. Watson** is now a reference librarian at Northeastern Oklahoma A&M College. Her new address is 230 "I" St., NW, Miami, OK 74354.

**David M. Young** recently was promoted to senior engineer specialist for Emerson Electric. David and Nancy reside at 12645 Treceyard, St. Louis, MO 63138.

**Stanford D. Zlatnick** has joined Norden Systems as a software engineer. Stan's address is 2500 S. Salta St., Unit 26, Santa Ana, CA 92704.

### 1975

**Bruce D. Baker** has moved to P.O. Box 265, Salina, Kan. 67401. Bruce is a field engineer with Westinghouse Electric Corp.

**Linda A. Buchek**, '75, sends word of the death of her husband, **Joseph A. Buchek**, '75, on May 15. He was a project analyst at Exxon Co., USA. In addition to Linda, he is survived by two children, Carrie, 4, and Brian, 10 months. The family lives at 7659 Winklewood, Houston, TX 77086.



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## Alumni Personals

### 1975 (Cont.)

**Claude W. Bagby** has joined Monsanto Electronics as an operations supervisor. Claude and Janet's new address is 222 Aspenwood Drive, Spartanburg, S.C. 29302.

**Myron D. Calkins** is now president elect of the Missouri Society of Professional Engineers. Calkins has been director of public works for Kansas City, Mo., since 1964. He received the professional degree, management engineer, from UMR in 1975. His address is 5003 NW 67th St., Kansas City, MO 64151.

**Dennis P. Carlton** has been promoted to FM/TV/CATV Specialist-EE for the Federal Communications Commission. Dennis' address is 10605 E. 98th Terrace, 2C, Kansas City, MO 64134.

**Jimmy D. Cole** has moved to 2300 Wilcrest, Apt. 198, Houston, TX 77042. Jim is with Shell Oil Co. as a mining engineer.

**Kenneth D. Drake Jr.**, reports that his wife, Ruth Ann, will be attending Wichita State University taking electrical engineering, and will be working for Boeing this fall. Ken is a design engineer for Boeing Military Airplane Co. The couple lives at 3413 South Kessler, Wichita, KS 67217.

A note from **David E. Ellebrecht** says: "Barb and I recently bought a new home in Chesterfield. I am working at MCAIR (McDonnell Aircraft Co.) on the advanced design of the F-18 (Radar Analysis)." The Ellebrecht's address is 1768 Orchard Hill Drive, Chesterfield, MO 63017.

**Patrice M. Harman Fisher** was promoted to senior business applications programmer/analyst with McDonnell Douglas Automation Co. Patrice and Warren live at 12324 Wensley Road, Black Jack, MO 63033.

**Frank and Christina Gac** have moved to 901 Tewa Loop, Los Alamos, NM 87544. Frank is ceramics-powder metallurgy section leader at Los Alamos Scientific Lab.

**Edward M. Gelb** has been named assistant to the director of the Pacific Marine Center in Seattle. Ed and Carol have moved to 5314 134th Place SW, Edmonds, WA 98020.

**Terry W. Jones** has been promoted to branch manager with Universal Computer. Terry's new address is 6161 E. N.W. Highway No. 2223, Dallas, TX 75231.

**Steven W. and Christine Kay Hill** have moved to Route 1, Box 194-K, Osage Beach, MO 65065. Steve is associate golf pro at Marriott's Tan-Tara Resort, Lake of the Ozarks.

**Charles A. and Jane Hillhouse** have moved to 249 DeLee Drive, Kingsport, TN 37663. He is a chemical engineer with Tennessee Eastman Co.

**Michael D. Hillhouse** has moved to 13531 Georgia Ave., No. 302, Silver Spring, MD 20906. He is a performance measurement specialist with General Electric.

**Steven K. Holcomb** has been promoted to construction superintendent for the Gas Service Co. in Independence. Steve and Susan's address is 3607 Woodbury, Independence, MO 64055.

**Damon A. Lewis** is a mechanical engineer with the Kansas City, Missouri, Water Department. His address is 11424 Blue Ridge, Apt. 42, Kansas City, MO 64134.

**Richard H. McLean** has joined Bell Northern Research Inc. He is a member of the scientific staff. Richard's new address is P.O. Box 70365, Sunnyvale, CA 94086.

**Charles M. Meyer** has joined the Corps of Engineers as a project engineer. Charles and Jill's new address is 2969 Piney Pointe, St. Louis, MO 63129.

**Francis E. Moore Jr.** has joined Celanese as maintenance engineer-corrosion dept. His new address is 2600 Skywaker, No. 1106, Houston, TX 77058.

**Terry Michhimer** has been promoted to manager-Galveston County Office with Southwestern Laboratories. Terry writes "if any friends are in this area on business or pleasure, do not hesitate to call me". Terry's address is 8601 Palmer, Hiway 84, Texas City, TX 77591.

The following up-date comes from **Darryl W. Muck**. "Have been a chemical engineer with Tennessee Eastman since 1975. Have been transferred to Batesville, Ark., with Arkansas Eastman as quality assurance engineer. Hobbies include SCCA sports car racing."

**Larry W. Nalley** was promoted to electrical project engineer for Consolidated Aluminum Corp. Larry and Deborah live at 1018 Reavis Barracks Rd., St. Louis, MO 63125.

**Thomas K. Neubauer** has moved to 6000 Sun Forest, No. 913, Houston, TX 77092. Tom is a project engineer with Coca Cola Co., Foods Division.

**Patrick A. and Melanie Luke Noland** have returned to Rolla where he is a graduate student and teaching assistant in the chemistry department at UMR. Their mailing address is P.O. Box 397, Rolla, MO 65401.

**J. M. "Jim" Pace** is district manager-pressure multiplier, with Dowell Division of Dow Chemical, El Reno, Okla. Jim and Jane live at 716 Ranchoak Drive, Yukon, OK 73099.

**Michael M. Perry** has joined King Radio as electrical engineer, circuit design. Mike and Janice's new address is 1024 Ashbury, Olathe, KS 66061.

**Stephen D. Phillips** was married on June 7 to Connie Altgilbers. Stephen's and Connie's new address is 7 Willer Drive, Quincy, IL 62301. He is a product designer for Electric Wheel Company.

**John L. Smith** is now a control systems engineer with General Electric in Salem, Va. He and Patricia have moved to 2783 Hillbrook Drive SW, Roanoke, VA 24018.



## Alumni Personals

### 1975 (Cont.)

**Donald R. Speck** has moved to 4916 Jamieson, Apt. 20, St. Louis, MO 63109. He is a machine design engineer with Ralston Purina Co.

**Steven H. Stearns** has joined Brown & Root as a nuclear engineer. Steve and Carol's address is 5801 W. Sun Forest Drive, No. 2803, Houston, TX 77092.

**Mike Starkweather** and Alma have moved to 3846 Rainor Court, St. Louis, MO 63116. Mike is a systems analyst with Anheuser-Busch. The Starkweather's first child, Michael, was born July 25, 1979. Mike says "would like to hear from any ex-Rolla rugers who would like to form an old boys side to play at Homecoming or St. Pat's."

**John L. and Cathy D. Stellern**, '75 and '76, live at 329 Sevenoaks Drive, Knoxville, TN 37922. Cathy recently changed jobs and is employed by TVA as a civil design engineer. John is also a design engineer for TVA.

**Daniel W. Thebeau** has joined Energy Fuels Nuclear Inc. as general mine foreman. Dan and Jackie's new address is P.O. Box 1063, Blanding, Utah 84511.

**Edward N. Thurmond** has accepted a position with Getty Oil Co. as a mining engineer. Ed and Marilyn's new address is 710 So. St. Andrews Place, No. 11, Los Angeles, CA 90005.

**Thomas N. Underhill** has joined HBE Corp. as a project engineer. Tom's new address is 1933 Karlin Drive, St. Louis, MO 63131.

**John and Kathleen Unks** have moved to 4620 Redbud, Odessa, TX 79762. John is a senior geologist with Gulf Oil Exploration and Minerals.

**Richard F. Williamson** has joined Seidler & Moore Inc., consulting engineers, as a principal engineer. Dick and Janet's new address is 915 Turner Drive, Pittsburg, KS 66762.

### 1976

**Terry A. Baxter** has joined Missouri Public Service Co. as assistant loan research analyst.

**Michael D. Brown** has been promoted to transmission engineer for Central Illinois Public Service Co.

**Robert A. and Dianna Clark** have moved to 1316 Cinnamon Hills Drive, St. Charles, MO 63301. Bob is a project engineer with the Mississippi River Transmission Corp., Ladue.

**Edward "Rhein" Dabler Jr.** is vice president of Dabler Engineering Co. Inc. The Dablers have a second son, born July 1, and named Nicholas. The family's address is 123 Peeke Ave., Kirkwood, MO 63122.

**Pamelia R. (Clarke) and John Edwards** have moved to 700 El Paso, Derby, KS 67037. Pam is a scientific systems analyst with Boeing Computer Services.

**Dennis L. and Janice Estel** have moved to 204 Gayle Court, Sikeston, MO 63801. Dennis is an electrical engineer with Noranda Aluminum Inc.

**Joseph D. Ferry** reports the following: "Graduated law school (UMC) in 1976; served as law clerk for Hon. Ronald L. Somerville, Missouri Court of Appeals, West District; now beginning own law practice (Aug. 1) at: 14th Floor, City Center Square, 1100 Main, Kansas City, MO 64105." Joe's home address is 4425 Genessee, Kansas City, MO 64111.

**Ricky L. Foster** has joined Texas Oil & Gas, Dallas, as a systems engineer. Rick and Karen's new address is 3804 Vista Woods, Carrollton, TX 75006.

**Larry D. and Elizabeth Forney** have moved to 2901 Castle Drive, Blue Springs, MO 64015. Larry is a civil engineer with the Corps of Engineers.

**Robert E. Helmkamp** has moved to 3316 Aslin St., Bakersfield, CA 93308. He is a production engineer with Shell Oil Co. in McKittrick, Calif.

**Richard A. Harmon** has been promoted to area manager with Leeds & Northrop. Dick and Cynthia's new address is 1404 Gay Ave., Jacksonville, FL 32207.

**Gregory K. Hicks** is now service supervisor for Carrier Air Conditioning Co. in Maryland Heights. His address is 6606 Ashbury, Affton, MO 63123.

**Susan B. Howell** was recently elected secretary-treasurer of the local chapter of ASPE. Susan lives in Juneau, but her mailing address is P.O. Box 612, Douglas, AK 99824. She is a mining engineer with the U.S. Bureau of Mines.

**Lewis Allen McCann** and Susan Denise Detmer were united in marriage on May 17. Lewis is a civil engineer with the Missouri Conservation Department. Lewis and Susan will reside at 1813 Sun Valley Road, Jefferson City, MO 65101.



**TONY KUTZ**

A note from **Tony Kutz** reports that he and Claudia live in Bogota, Colombia. "I now have four years working for Schlumberger in South America," he says. He is a general field engineer for the company. The couple's address is Apartado Aereo 4730, Bogota, 1-DE Colombia, SA.



## Alumni Personals



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**James L. McDonald** has joined Bechtel Power Corp. in Pottstown, Pa., as a welding engineer. Jim and Lawrie's address is 608A Lake Drive, Douglassville, PA 19518.

**Steve Plummer** says he will have been with Midwest Conveyor Co. in Kansas City, Kan., for three years in August. His new address is 9300 W. 77th Terrace, Overland Park, KS 66204.

**Robert J. and Karen Randolph** have moved to 13 No. Whispering Hills, Naperville, IL 60540. Bob is an engineer with Western Electric.

**Jennifer Wang Schreifels** is now an engineer with Owens Corning Fiberglas. She and Walt have moved to 2325 Cheshire Woods Road, Toledo, OH 43615.

**Terry A. and Kathy Smith** have moved to 2025 Prentiss Drive, Apt. 307, Downers Grove, IL 60515. Terry is an industrial engineer with Bendix Corp.

**David E. Stinson** has joined the Corps of Engineers, Louisville, Ky., as a civil engineer. David and Connie's new address is 810 Cambridge Blvd., No. 158, Clarksville, IN 47130.

**William S. III and Maureen Wagener** have moved to 7100 E. Mississippi Ave., No. 3-208, Denver, CO 80224. Bill is a mining engineer for Arco.

**Stephen C. Wagner** has been named an associate with Coffman Associates in Kansas City. He and Anne live at 208 W. 70th Terrace, Kansas City, MO 64113.

### 1977

**Ronald S. Barnes** has joined Martin Marietta Corp. as a systems engineer. Ron and Sherrill's new address is 6425 S. Iris Court, Littleton, CO 80123.

**Bob Borcharding** has moved to 7301A Normandie, Hazelwood, MO 63042. Bob is an electronics engineer with McDonnell Douglas.

**Larry H. Buchtman's** new address is E 12424 18th Ave., Spokane, WA 99216.

**Gary A. Campbell** is a graduate student at Penn State. Gary's new address is 221 Walker Bldg., University Park, PA 16802.

**Michael R. Cooper** has joined C. E. Refractories, Vandalia, as plant engineer. Mike's new address is 325 Howell Manor, Mexico, MO 65265.

**Herbert R. Cox** has joined ETI Engineers & Consultants as a project engineer. Herb's new address is 4201 Fairmont Parkway, No. 1803, Pasadena, TX 77504.

**Raymond A. Ehrhard** has joined Illinois EPA as an environmental engineer. Ray and Cheryl's new address is 250 Durkin Drive, Springfield, IL 62704.

**Ahmed A. El-Saie** is now a research engineer with Conoco Inc., Mining Research. He and Nagat have moved to 3501 N. Union, Apt. 4, Ponca City, OK 74601.

**Stephen P. Garber** reports that he is now a geophysicist party chief for Shell Oil Co., New Orleans. His new address is 911 Delachaise, New Orleans, LA 70115.

**Steve Geiger** has joined Schlumberger as a general field engineer. Steve and Sandra's new address is 4268 Hermosa St., Shreveport, LA 71119.

**Joseph M. Gioia** has been appointed chief electrical engineer for the Pandjiris Weldment Co. Joseph and Cynthia's address is 7541 Murdoch Ave., St. Louis, MO 63119.

**Jill B. Hanus** is now an engineer with Deere & Co. Her new address is Box 566, 311 W. Fayette, Denver, IA 50622.

**Paul G. and Connie Hartman** have moved to Route 3, Box 48, Red Bud, IL 62278. Paul is a mining engineer with Peabody Coal.

**Ronald L. Henderson** checks in with the information that he is project engineer/manager of transport equipment for Southwest Truck Body Co., St. Louis. Ron's address is 5053 Clayridge Drive, Apt. 210, St. Louis, MO 63129.

**Daniel T. and Marge Hoffmann** have moved to 1212 Lamar Blvd. E., No. 604, Arlington, TX 76011. Dan is a chemical engineer with Texas Instruments.

**Christopher M. Jarrett** has moved to 363 Bolin Drive, Anchorage, AK 99504.



## Alumni Personals

### 1977 (Cont.)

**David Jerome** has joined GTE Labs as a member of the technical staff. David's address is 20 Oriole St., West Roxbury, MA 02132.

**Peter W. Kinman** has joined Jet Propulsion Laboratory as a communications engineer. Peter's address is 677 South Lake Ave., Apt. C, Pasadena, CA 91106.

**John Ladage Jr.** reports "Sue and I just bought our first house, a cozy three-bedroom brick." The couple's new address is 8521 Eulalie, Brentwood, MO 63144. John is now group leader of the testing department for Carboline Co. in St. Louis.

The following announcement comes from **Michael Lockner**: "I will wed Cynthia Locke (currently a student at UMR) on Jan. 24, 1981, in Kansas City, Kan." Michael is a project engineer with Sperry Flight Systems and lives at 321 W. Verner Ave., Phoenix, AZ 85003.

**Louis G. Loos II** has joined the Missouri Department of Natural Resources as an environmental engineer II. His new address is 1708 Southwest Blvd., Jefferson City, MO 65101.

**Deborah A. Orrick** has joined Air Products & Chemicals Inc. as a maintenance engineer. Deborah's new address is Route 9, Box 16, Benton, KY 42025.

**Bradley R. and Cora Parrish** have moved to 1518A Scott St., Springfield, MO 65803. Brad is a civil engineer with Anderson Engineering Inc.

**David L. Perry** is a graduate student and teaching assistant at the University of Arizona. He may be reached at the Department of Electrical Engineering, Building 20, University of Arizona, Tucson, AZ 85721.

**Ronald D. Pfeiffer** is a systems analyst with the U.S. Army. The address for Ron and JoAnn is USA (ELM), SHAPE-ISD, APO New York 09055.

**Ronald and Cynthia (Cindy) Reynolds** have moved to 906 W. Talmage, Springfield, MO 65803. Ronald is a highway designer with the Missouri Highway and Transportation Department.

**Gary E. Roebke** has moved to 35 Salisbury Court, Aberdeen AB16PN, Scotland. He will live in Scotland for a year and a half. He is working offshore in the North Sea.

**Richard Alan Sumner** and **Lee Holemon** were married December 30, 1979. Richard and Lee live at 904 Cedar Drive, Wood River, IL 62095.

**Joy (Ewens) Thompson** reports "no news is good news". Joy and David live at 706 East Crockett, Beeville, TX 78102.

**Torie A. Vandeven** has moved to 1241 E. 29th Place, Tulsa, Okla. 74114. Torie is a geologist with Texaco.

**Don Weidinger** "moved to Naperville, Ill. (a suburb of Chicago) on April 1. Am employed as a project manager for McCarthy Bros. Co. on a hospital construction project in Aurora, Ill." Don may be reached at P.O. Box 925, Aurora, IL 60507.

**John D. Wenzlick** has joined the Missouri State Highway & Transportation Department as a construction inspector. John and Mary's new address is 3201 Stonehenge, St. Charles, MO 63301.

### 1978

**Ronald E. Baker**, 1045 E. Woodward Heights, Apt. 306, Hazel Park, MI 48030, reports: "Laid off at Chrysler Automotive World Headquarters, Highland Park, Mich., and reassigned to Chrysler Defense Inc. in Centerline, Mich., as logistics support analysis engineer I. I am working on hull maintenance in SMI tank. Looking forward to new contracts—XMI-E1 120 MM Cannon and subcontract MX Missile Carrier to Boeing."

**Craig and Linda Bernstein** have moved to 7 Clearwater Road, Budd Lake, NJ 07828. Craig is an area service representative with Ingersoll-Rand.

**Ted F. Bestor** has moved to 4715 Fontana, Roeland Park, KS 66205. He is an associate engineer with Panhandle Eastern Pipe Line.



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## Alumni Personals

### 1978 (Cont.)

**Thomas W. Briscoe** has moved to Wyeth Hall, 016, Cambridge, Mass. 02138. Tom is a student at Harvard studying (third year) for his M.B.A. and J.D. degrees.

**Bruce and Connie Bryant** have moved to Route 2, Box 28, Columbia, MO 65201. Bruce is operations manager for Gas Constructors.

**Susan Callahan**, '78, '80, has joined the mathematics faculty at Cottey College. Her new address is 252 Jason, Nevada, MO 64772.

**Charles F. and Connie Cooper** have moved to 846A Putnam Blvd., Wattingford, PA 19086. He is a research chemist with ARCO Chemical Co.

**Arthur D. Crowley's** address is 1376 Frankson, St. Paul, MN 55108. He works for Control Data.

**Alan L. Davis** is a geophysicist with Rogers Explorations Inc. He and Jocelyn can be reached at RFD 5, Hackman Road, St. Charles, MO 63301.

**Samuel T. Denton II** announces his engagement to Kathy Cunnings of Columbus, Ohio. They are to be married on December 7 in St. Louis. Sam's new address is 7124 Vernon, University City, MO 63130. He is a programmer analyst for Peabody Coal Co.

**Gary Erler** has accepted a position with A. E. Staley as maintenance engineer. Gary and Barb's new address is 3323 Ivywood Court, Decatur, IL 62522.

**Mark A. and Anita Fournier** have moved to 503 Cambridge, Belton, MO 64012. Mark is a control engineer with Black & Veatch.

**Joseph M. Grana Jr.**, reports his marriage (on Aug. 16) to Miss Kathleen Rosenhauer. Joe is an energy and environmental engineer for Olin Brass Corp., East Alton, Ill. The couple may be reached at 3155 Summerfield, Apt. 107, St. Louis, MO 63033.

**Rosa L. Herman** has been appointed supervisor-manufacturing area for E. I. DuPont in Tucker, Georgia. Her address is 5268 Riva Ridge Lane, Norcross, GA 30093.

**William E. Hoehn** and Margaret A. Fendlason were married on June 6. William is a feedback engineer with Carter Carburetor, and Margaret, a May graduate at UMC, is a clinical dietitian. The Hoehn's address is 4463 Castleman, Apartment 2, St. Louis, MO 63110.

**Robert J. Holt, Sr.** has been promoted to petroleum engineer with Amoco Production Co. Bob and Mary's address is 1413 Barbara St., Tyler, TX 75701.

**Peter C. and Carla Ann Horn** have moved to 9641 Portal Drive, Eden Prairie, MN 55344.

**Steven C. Hughes** has moved to 1055 E. Green Mountain Court, Fenton, MO 63026. Steve is an engineer with Union Electric.

**Eleonore M. and James Ingram** have moved to 14119 West 87th Terrace, Lenexa, KS 66215.

**Judith K. Kisslinger** has joined St. Louis University as fringe benefit coordinator-personnel. Judy's business address is 221 No. Grand, St. Louis, MO 63103.

**Harry T. Laswell II** has moved to 655 So. Fair Oaks Ave., Apt. K-207, Sunnyvale, CA 94086.

**Baruch Levy** has joined Modular Computer Systems as a project manager. Baruch and Jane's new address is 780 N.E. 199 St., E104, Miami Beach, FL 33179.

**Mike and Karen (Avery, '79) Ludwig** have both been temporarily transferred (until Feb. '81) to Edwards AFB on F-15 test programs with McDonnell-Douglas. Mike is a flight test engineer and Karen is a data systems engineer. Their address is 1344 W Ave., J-2, Apt. 207, Lancaster, CA 93534.

**David B. Lewis** has returned to school for his Ph.D. in civil at the University of Missouri-Columbia. Dave and Cheryl reside at 601 J University Village, Columbia, MO 65201.

**Kelly L. McGinnis** has moved to 2215 Highway Nine West, Apartment 25, Seminole, OK 74868. Kelly is a field engineer for Dresser Atlas.

**Rita (Stockhecker) McMinn** has been promoted to services engineer with E. I. DuPont. Rita and John's new address is Route 2, Box 361, Washington, WV 26181.

**Douglas C. Melton, Jr.** has joined the Texas Oil & Gas as a geologist. Douglas and Marjorie's new address is 1908 Broken Hill Drive, Ft. Smith, AR 72903. Marjorie plans to teach in the fall.

**Ronald Morgan** has been promoted to resident industrial engineer with Anheuser-Busch in Van Nuys, Calif. Ron's address is 5727 Canoga Ave., No. 267, Woodland Hills, CA 91367.

**Richard and Vickie Muldoon** have moved to 507 Gateway Drive, Jefferson City, MO 65101. He is now a structural designer with the Missouri State Highway Department.

**Paul J. Nauert**, a recent graduate of Purdue University (M.S. electrical engineering) has joined Union Electric's system planning department. Paul's new address is 3944 Oregon Ave., St. Louis, MO 63118.

**Susan E. (Waggoner) Norris** sends the following up-date: "Christopher W. Norris, '80, and I were married in August, 1978. We have a daughter, Laura Jewel, born June 3, at Phelps County Hospital. Chris graduated this spring with a B.S. in nuclear engineering. He began working for the Omaha Public Power District on July 7. I will return to graduate school when the baby is a little older and we are settled in a new home." Meanwhile, Chris and Susan may be reached at 9717 Jaynes, Omaha, NE 68134.



## Alumni Personals

### 1978 (Cont.)

**Daniel G. O'Dell** has joined Trans World Airlines as senior operations research analyst. Dan and Wanda's new address is 4708 N.W. 67th, Kansas City, MO 64151.

**Jana Podzimek** has received her masters degree in biology at SMS University. Her address is 941 East Cherry, No. 106, Springfield, MO 65807.

**Danny A. Reed** reports that he received his M.S. in computer science from Purdue University in May and is now working toward his Ph.D. His address is 1314 Graduate House West, West Lafayette, IN 47906.

**Sergio N. Rivero** has joined Pequiven-Moron as process engineer supervisor. Sergio and Mireya's address is Mercurio 90-150, Trig. Norte, Valencia, Venezuela, Carabobo 2002.

**David and Karen Scharf** are the proud parents of a baby girl, Kelly Louise, born March 22. Dave is a staff engineer in the heavy oils section at Phillips Petroleum Research Center. The Scharf's address is 2175 Jefferson Road, Bartlesville, OK 74003.

**Terry Schiehing** "is now working for the distribution section of the St. Louis City Water Division as a civil engineer I." He, Sandy and their daughter, Wendy, have moved to 7702 Tennessee Ave., St. Louis, MO 63111.

**Tony Sikavi** says: "With the help of our staff at Hazeltine Corp., the company just entered the word processing market." Tony is senior engineer with Hazeltine, Greenlawn, N.Y. His home address is 184-25 Grand Central Parkway, Jamaica, NY 11432.

**Robin Stege** has been promoted to Engineer II with ITT Telecommunications in Des Plaines, Ill. He lives at 427 Wilson, Apt. 103, Palatine, IL 60067.

**Ann R. and William D. Werries** have moved to 2318 E. Montezuma Drive, Florissant, MO 63031.

**Richard A. Weigel** has formed Weigel Custom Building Co., a contractor for residential homes. Richard and Cheryl's home address is P.O. Box 845, Pine Bluffs, WY 82082.

**Arthur T. Wilkins** has joined the Missouri State Highway Patrol as data processing technician III. Art and Rebecca's new address is 704 Rollotrend Lane, Eldon, MO 65026. The Wilkins' have one child, Jay, who was one year old on September 10.

**Shih-Chun Wu** has joined Lodge-Cottrell Dresser as a structural engineer. His address is 8282 Cambridge, No. 907, Houston, TX 77054.

### 1979

**Martha Bennett** is now an assistant engineer with Industrial Risk Insurers, St. Louis. Her address is 1040 Starshire, Apt. 4, St. Louis, MO 63138.

**Carla J. (Yager) and Eric Branson** have moved to Route 3, Box 223, Rolla, MO 65401. Carla is a graduate student at UMR.

**James L. Brink** has accepted a position with McDonnell Douglas. James and Paula's new address is 2156 England Town Road, St. Louis, MO 63129.

**David K. Bruce** has completed work on his M.S. degree at the University of Illinois and has accepted a job with Gillum-Colaco Structural Engineers as a structural designer. His new address is 14357 Seaview Drive, Apt. 203, Florissant, MO 63033.

**Brian Allen Chaney** died Aug. 30, as a result of an automobile accident. He was 23. A civil engineering graduate, Brian was working for Continental Engineering Inc. He is survived by his wife, Cathy, 5453 Jasmine Court, Memphis, TN 38118. Cathy is the daughter of Ed Bertnolli, professor of electrical engineering and director of UMR's Graduate Engineering Center in St. Louis.



**FRED L. BUELER JR.**

**Fred L. Bueler Jr.** has been appointed vice president for the William Rose Kitchen and Remodeling Center Inc. (as of March 27) with responsibilities for the firm's showrooms in Rock Hill and Overland. Fred and Ann live at 1144 Missouri Ave., Kirkwood, MO 63122. He says: "We now have two daughters. The second, Lynne Marie, was born June 28."

**Jackson Jiin Chong Chen** has joined Ideal Electric Co. as an electrical design engineer. Jackson and Suh Fen's new address is P.O. Box 2596, Mansfield, OH 44906.

**R. Michael Drew** has joined E. I. DuPont as a process engineer. Mike's address is 703 W. Rollins St., Moberly, MO 65270.

**William and Donna Englehart** have moved to 4407 Delor, St. Louis, MO 63116. Bill is a hydraulic engineer with the Corps of Engineers.

**Richard Finch** is now a drilling representative with Chevron. He can be reached through his office at the following address: Chevron, Chevron Camp, Rangely, CO 81648.

**Kerry D. Fisco** has moved to 361 Bolin Drive, Anchorage, AK 99504. Kerry is a combat engineer platoon leader (2 Lt.) with the U.S. Army.



## Alumni Personals

### 1979 (Cont.)

**Stephen P. Ford** writes "I was recently assigned as assistant project administrator on a project for The Municipal Authority of Broken Arrow, Okla., installing 33 miles of waterline." Steve's address is 15400 E. 33rd, Independence, MO 64055.

**Milo G. Foster** was promoted to production team manager with Procter & Gamble Paper Products Co. His address is 343 South Spanish, Apt. 2, Cape Girardeau, MO 63701.

**Douglas and Maryann (Chambers) Fuchs** have moved to 10506 Eagle Lane, Oklahoma City, OK 73132. Doug is a reservoir engineer with Cities Service Co. and Maryann is a production engineer with Gulf Oil Co.

**Daniel J. and Theresa Goldkamp** reside at 3526 West Place, Beverly Hills, MO 63121. Daniel is an electrical engineer with Emerson Electric.

**Steven G. Hibbeler** has joined Delco Electronics as associate process engineer. Steve and Margaret's new address is 823 Rue De Arc Enciel, Kokomo, IN 46901.

**David Hengel** has moved to 420 Nobel St., Pittsburgh, PA 15232. Dave is a field service engineer with Westinghouse.

**Frank Jost** has joined Texas Steel as a quality assurance superintendent. His new address is 1600 Jones, No. 108, Arlington, Texas 76013.

**Dayna K. Justus** has moved to 8368 Drury Circle, Kansas City, MO 64132. Dayna is an engineer with Burns & McDonnell.

**Michael S. King** has joined Bendix as an engineer. Mike and Heidi's address is 6008 E. 126, No. 207, Grandview, MO 64030.

**Joseph J. Kinsella** is now a sales engineer with Rexnord VED, Des Plaines, Ill. Joe and Karen have moved to 504 Tamarack, Wauconda, IL 60084.

**Ronald S. Krusie** has moved to 12370 Bennington Place, No. 1, St. Louis, MO 63141. Ron is a civil engineer with Black & Veatch.

**Phyllis T. Lanza** has joined Western Geophysical Co. of America as a geophysical technician. Phyllis' new address is 9221 Pagewood, No. 227, Houston, TX 77063.

**Steven M. and Jeannette Lockington** have moved to 901 East Fifth, Rolla, MO 65401. Steve is a graduate student at UMR.

**Tim Madden** has joined Burns & McDonnell as an estimating engineer. Tim and Kim's new address is 8600 Buckingham, Apt. 10, Kansas City, MO 64138.

**Stephen and Kellie Mason** have moved to 2300 N. Tucker Ave., Apt. A, Farmington, NM 87401. Steve is a petroleum engineer with the U.S. Geological Survey.

**Charles E. Mattson** is an electronics engineer with the Naval Weapons Center, Microwave Development Division. Charles and Karen's new home is at 105A Entwistle, China Lake, CA 93555.

**Shawn K. McGuire**, 15657 Dresden Lake Court, Chesterfield, MO 63017, sends the following report: "I'm going to be involved in the Monsanto Electronics Materials Technology group starting July 1. We'll be developing a process to make substrate material for magnetic bubble memory devices. I'm single, still! I enjoy jogging, swimming, hiking, and reading in my spare time."

**Rosemarie C. Newberry** has enrolled in Purdue University (Fall '80) to obtain her master's degree in computer science. Her new address is 400 No. River Road, Apt. 733, West Lafayette, IN 47906.

**Carolyn Niess** has been promoted to assistant staff manager for Southwestern Bell. Carolyn's new address is 1186 Schulte Hill Drive, Apt. H, Maryland Heights, MO 63043.

**Michael O'Daniell** has moved to 560 24th St., Beaumont, TX 77706. He is a civil engineer with Gulf States Utilities Co.

**John C. Pagan** is working as a structural engineer for Burns & McDonnell. His address is 8430 Drury Circle, Kansas City, MO 64132.

**Kevin D. Phillips** has moved to Star Route B, Box 3148, Hobbs, N.M. 88240. He is an engineer with Amoco Production Co.



1979 Rollamo



## Alumni Personals

### 1979 (Cont.)

**Charlotte Povelka** has joined the Peace Corps. She will be teaching chemistry in the Sabah Province of Malaysia. Her mailing address is c/o Peace Corps, Mayaysia, 177 Jalan Raja Muda, Kuala Lumpur 03-23, Malaysia.

**Joel Pundmann** has moved to 2082 Wealdwood, Kirkwood, MO 63122.

**Robert J. Rapp** has been promoted to hydraulic engineer with the Corps of Engineers. Bob and Kimberly's new address is 2254 Grant Drive, Arnold, MO 63010.

**Paul T. Rygaard** is a development engineer with Hewlett Packard. His address is 3117 McKinley, Santa Clara, CA 95051.

**Chris A. Schelich** has moved to 1318 Truman, No. 1, Rolla, MO 65401. Chris is a graduate student at UMR.

**Robert N. Stabo** has joined AMAX Lead Co. as a metallurgist. Bob's address is P.O. Box 201, Salem, MO 65560.

**Patricia R. Stout** is now a law student at the Holland Law Center, University of Florida. She and Tom live at 2710 NW 43rd Ave., Gainesville, FL 32601.

**Robert M. Thurmond** has been commissioned an ensign in the U.S. Navy following completion of Aviation Officer Candidate School at the Naval Air Station, Pensacola, Fla. His permanent address is 9931 Mayo Drive, St. Louis, MO 63123.

**Ann Veatch** has moved to 820 Chateau Knoll, Bettendorf, IA 52722. She is an electrical engineer with Alcoa in Davenport, Iowa.

**Eugene L. Vrenick** has been promoted to sales representative for E. I. DuPont de Nemours. He and Linda Kay have moved to 4047 Silverleaf, Germantown, TN 38138.

**Stephen R. Wachtel** is attending the Georgia Institute of Technology working towards his M.S. degree in electrical engineering. He is also employed by Georgia Tech as a research assistant in computer architecture design. His address is c/o Georgia Tech, P.O. Box 35896, Atlanta, Ga. 30332.

**Thomas A. Wetteroth** has been promoted to sales engineer with Babcock & Wilcox in West Chicago. Tom's new address is 1004 Wheaton Center Two, Wheaton, IL 60187.

**Everett A. Williams** received his masters degree in psychological counseling from Webster College. Everett and Betty's address is 3528 Giles, St. Louis, MO 63116.

### 1980

**James A. Dyer** has joined Inland Steel as an associate engineer. Jim and Martha's new address is 1707 No. Arbogast, Apt. 1K, Griffith, IN 46319.

**Darrall Hirtz** has accepted employment with Kelton and Associates Consulting Firm in Kennett, Mo. Darrall's address is 420 Monroe, Campbell, MO 63933.

**Li-Jen David Kuo** has been promoted to staff engineer with Central & Southwest Fuels, Inc. David's new address is 8350 Park Lane, Apt. 248, Dallas, TX 75231.

**Ernie C. McDaniel** has joined Texas Instruments as an electrical design engineer. Ernie and Brenda's new address is 901 South Coit, Apt. 247, Richardson, Texas 75080.

**Victor M. Pace** has joined Bendix. Vic's new address is 9318 Bales, Apt. 202, Kansas City, MO 64132.

**Tim and Janice Peterson** have moved to 1209 West Lark Drive, Fenton, MO 63026. Tim is a sales engineer with the Nooter Corp.

**Ranjit K. and Vijay Sharma** have moved to 4501 Stallard Court, St. Louis, MO 63129. Ranjit is a civil engineer with the Corps of Engineers.

**Gerald Kevin Smith** married Maren Jo Stafford on July 26. The couple lives at 2100 College Blvd., Apt. 141, Baton Route, LA 70808. He is a petroleum engineer with Chevron Oil Co.

**Henry and Sue Jane Tsai** have moved to 3615 Dawson Street, Apt. 11, Pittsburgh, PA 15213.



1979 Rollamo



**ST. PAT'S MATERIAL  
WANTED**

The St. Pat's Board is looking for material from past St. Pat's Celebrations to be incorporated into a UMR-St. Pat's Museum Exhibit.

Buttons, hats, garters, shirts, shillelaghs, pictures or snapshots, newspaper articles, trophies—anything having to do with St. Pat's Celebrations while you were in school—would be welcome as a donation or loan.

The Board plans to put together the memorabilia for use as an exhibit

during the annual festivities and/or as a permanent display if a suitable location can be found.

So, if your wife has hinted from time to time that you should get rid of some of that "junk," but you just can't bear to see it thrown out—there is a place for it now.

Send donations to St. Pat's Board, University Center, University of Missouri-Rolla, Rolla, MO 65401, Attention: Museum Committee.

Please be sure to include your name, class year, and any information necessary to identify the material as to time and use. For instance, photographs should include names of the people shown (if you can remember them), the year it was taken, and a short description or any comments about the activity.

Any help you can give the committee will be appreciated.



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